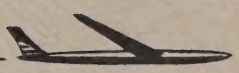
ATC TRANSPONDER SET

621A-2A



ILLUSTRATED PARTS CATALOG

COLLINS RADIO COMPANY

GUARANTEE

The equipment described herein is sold under the following guarantee:

Collins agrees to repair or replace, without charge, any equipment, parts, or accessories which are defective as to design, workmanship or material, and which are returned to Collins at its factory, transportation prepaid, provided

(a) Notice of the claimed defect is given Collins within one (1) year from date of delivery and goods are returned in accordance with Collins' instructions.

(b) Equipment, accessories, tubes, and batteries not manufactured by Collins or from Collins' designs are subject to only such adjustments as Collins may obtain from the supplier thereof.

(c) No equipment or accessory shall be deemed to be defective if, due to exposure or excessive moisture in the atmosphere or otherwise after delivery, it shall fail to operate in a normal or proper manner.

Collins further guarantees that any radio transmitter described herein will deliver full radio frequency power output at the antenna lead when connected to a suitable load, but such guarantee shall not be construed as a guarantee of any definite coverage or range of said apparatus.

The guarantee of these paragraphs is void if equipment is altered or repaired by others than Collins or its authorized service center.

No other warranties, expressed or implied, shall be applicable to any equipment sold hereunder, and the foregoing shall constitute the Buyer's sole right and remedy under the agreements in this paragraph contained. In no event shall Collins have any liability for consequential damages, or for loss, damage or expense directly or indirectly arising from the use of the products, or any inability to use them either separately or in combination with other equipment or materials, or from any other cause.

HOW TO RETURN MATERIAL OR EQUIPMENT.

If, for any reason, you should wish to return material or equipment, whether under the guarantee or otherwise, you should notify us, giving full particulars including the details listed below, insofar as applicable. If the item is thought to be defective, such notice must give full information as to nature of defect and identification (including part number if possible) of part considered defective. (With respect to tubes we suggest that your adjustments can be speeded up if you give notice of defect directly to the tube manufacturer.) Upon receipt of such notice, Collins will promptly advise you respecting the return. Failure to secure our advice prior to the forwarding of the goods or failure to provide full particulars may cause unnecessary delay in handling of your returned merchandise.

ADDRESS:

Collins Radio Company
Sales Service Department
Cedar Rapids, Iowa

INFORMATION NEEDED:

(A) Type number, name, and serial number of equipment
(B) Date of delivery of equipment
(C) Date placed in service
(D) Number of hours of service
(E) Nature of trouble
(F) Cause of trouble if known
(G) Part number (9 or 10 digit number) and name of part thought to be causing trouble
(H) Item or symbol number of same obtained from parts list or schematic
(I) Collins' number (and name) of unit sub-assemblies involved in trouble
(J) Remarks

HOW TO ORDER REPLACEMENT PARTS.

When ordering replacement parts, you should direct your order as indicated below and furnish the following information insofar as applicable. To enable us to give you better replacement service, please be sure to give us complete information.

ADDRESS:

Collins Radio Company
Sales Service Department
Cedar Rapids, Iowa

INFORMATION NEEDED:

(A) Quantity required
(B) Collins' part number (9 or 10 digit number) and description
(C) Item or symbol number obtained from parts list or schematic
(D) Collins' type number, name, and serial number of principal equipment
(E) Unit sub-assembly number (where applicable)

ILLUSTRATED PART CATALOG

523-0091-005
1 AUGUST 1961

ATC TRANSPONDER SET 621A-2A

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1961

CEDAR RAPIDS, IOWA, U.S.A.

PRINTED IN THE UNITED STATES OF AMERICA

COLLINS®

Collins

ILLUSTRATED PARTS CATALOG

RECORD OF REVISIONS

ATC Transponder Set 621A-2A	LOCATION
ASSIGNED TO (JOB TITLE)	

REV. NO.	REVISION DATE	INSERTION DATE	BY	REV. NO.	REVISION DATE	INSERTION DATE	BY

RETAIN THIS RECORD IN THE FRONT OF MANUAL OR CHAPTER.
ON RECEIPT OF REVISIONS, INSERT REVISED PAGES IN THE MANUAL, AND ENTER DATE INSERTED AND INITIALS.

Collins

ILLUSTRATED PARTS CATALOG

SECTION I

INTRODUCTION

1. GENERAL.

This Illustrated Parts Catalog is a complete list of parts for the ATC Transponder 621A-2A, see figure 1, manufactured by Collins Radio Company. For servicing and overhaul refer to the appropriate handbook.

Periodically the Illustrated Parts Catalog is revised to cover additions, deletions, or changes to the equipment. These revisions are indicated by an R or a vertical bar and apply to the current revision only.

2. TABLE OF CONTENTS.

Section II, Table of Contents, contains a list of all sections, locating each section by its page number. The group assembly parts list section is broken down into an Alphabetical List of Illustrations giving corresponding figure and page numbers.

3. PARTS LIST INDEXES.

Section III, Parts List Indexes, consist of a numerical parts list index, symbol list index and a commercial hardware list.

A. Numerical Parts List Index.

This index contains an alpha-numerical list of all parts listed in the Group Assembly Parts List. If a vendors' part number and a Collins part number have been assigned, both are shown and make reference to the same figure and index number.

a. Part Number Column. In this column are listed part numbers for procurable parts and assemblies in the Group Assembly Parts List. The order of precedence beginning at the extreme left-hand position in part number numerical arrangement is as follows:

Letters A through Z
Numerals 0 through 9
(Alphabetical O's are considered numerical zeros.)

The order of precedence in continuing the part number arrangement in second and succeeding positions of the part number from left to right is as follows:

Space (blank column)
Diagonal (slant)/
Point (period).
Dash (-)
Letters A through Z
Numerals 0 through 9
(Alphabetical O's are considered as numerical zeros.)

b. Figure and Index Number Column. In this column the digits preceding the hyphen refer to the figure in the Group Assembly Parts List on which the parts or assemblies are illustrated. The digits following the hyphen are the index numbers of procurable parts or assemblies. The figure and index number shown in the Numerical Index is for the first occurrence only.

c. Quantity Per Article Column. Total quantity of parts or assemblies used in the equipment is listed in this column.

B. Symbol List Index.

The symbol List Index enables the user to locate, by symbol, the part number and the figure and index number of any electrical component.

a. Symbol Column. Contains an alpha-numerical listing of all symboled items. When the same symbol appears in different units or subassemblies, module symbol prefix designators are used.

b. Part Number Column. Gives the Collins part number for all symboled items.

c. Figure and Index Number Column. In this column the digit preceding the hyphen refers to the figure on which the part is illustrated. The digits following the hyphen are index numbers of the part or assembly. The figure and index number is used to locate a part after it has been located in the symbol list.

C. Commercial Hardware List Index.

This Index contains a list of all commercially available hardware items used with the equipment and is the total of all commercial hardware items that appear in the Numerical Parts List.

a. Part Number Column. Contains Collins part number for all commercial hardware.

b. Nomenclature Column. Contains a description of all commerically available hardware including the type of material, dimensions, and type of finish.

c. Quantity Column. Gives the total quantity of each commercial hardware item used in the entire equipment.

4. GROUP ASSEMBLY PARTS LIST.

A. Section IV, Group Assembly Parts List, consists of a breakdown of the complete unit into subassemblies and detailed parts. Each assembly is listed in its order of disassembly and is followed immediately by its component parts properly indented to show their relationship to the assembly.

a. Figure and Index Number Column. In this column the digits preceding the hyphen refer to the figure number on which the parts or assemblies are illustrated. The digits following the hyphen are the index numbers of the parts and assemblies. The figure and index numbers are used to locate a part after it has been found in the Numerical Index.

b. Part Number Column. In this column are MIL part numbers, vendor part numbers, or Collins part numbers. When more than one part number is available, the preference will be MIL, Vendor and Collins in that order. Vendors' part numbers listed in the part number column are subject to change without notice.

c. Proprietary Items. Proprietary items are coded "P" in the part number column.

d. Nomenclature Column. In this column is listed each assembly, subassembly, subsubassembly, a reference to its next higher assembly (NHA), and their attaching parts; attaching parts are listed immediately following the parts which they attach. Items which are made from raw stock, such as cut lengths of wire, solder, varnish, lacing cord and flexible tubing are not included in the Group Assembly Parts List. Each item in the Group Assembly Parts List is indented to indicate the relationship of parts as follows:

```
1 2 3 4 5 6 7
INSTALLATION
. DETAIL PARTS OF INSTALLATION
. ASSEMBLY
. ATTACHING PARTS FOR ASSEMBLY
  . . . * . . .
. . DETAIL PARTS OF ASSEMBLY
. . SUBASSEMBLY
. . ATTACHING PARTS FOR SUBASSEMBLY
    . . . * . . .
```

. . . DETAIL PARTS OF ASSEMBLY
. . . SUB-SUBASSEMBLY
. . . ATTACHING PARTS FOR SUB-SUBASSEMBLY
. . . * . . .
. . . . DETAIL PARTS OF SUB-SUBASSEMBLY

If a part is purchased by Collins Radio Company from a vendor, the Federal Manufacturer's Code number, preceded by the letter V, is listed in this column. The vendors' part number will be listed in the part number column and the Collins part number will appear in the Nomenclature Column. If this column does not include a Federal Manufacturer's code number, the part number listed is a Collins part number. Symbol designations, where applicable, will be listed as the last item in this column.

e. Usage Code Column. Part variations within different models of the same equipment are indicated in the Usage Code Column. In cases where this column has been left blank, the part listed will apply to all models of equipment covered by this publication.

f. Units Per Assembly Column. This column lists the quantity of subassemblies or parts required in the next higher assembly. The quantities specified, therefore, are not necessarily the total used per equipment. For totals per equipment, refer to Section III, Numerical Parts List Index. The letters "AR" denote that the selection of a part or parts should be made "as required." "REF" refers to an assembly which is completely assembled on a preceding illustration: In this case a notation in the description column refers to the illustration on which the assembly is shown completely assembled and indexed.

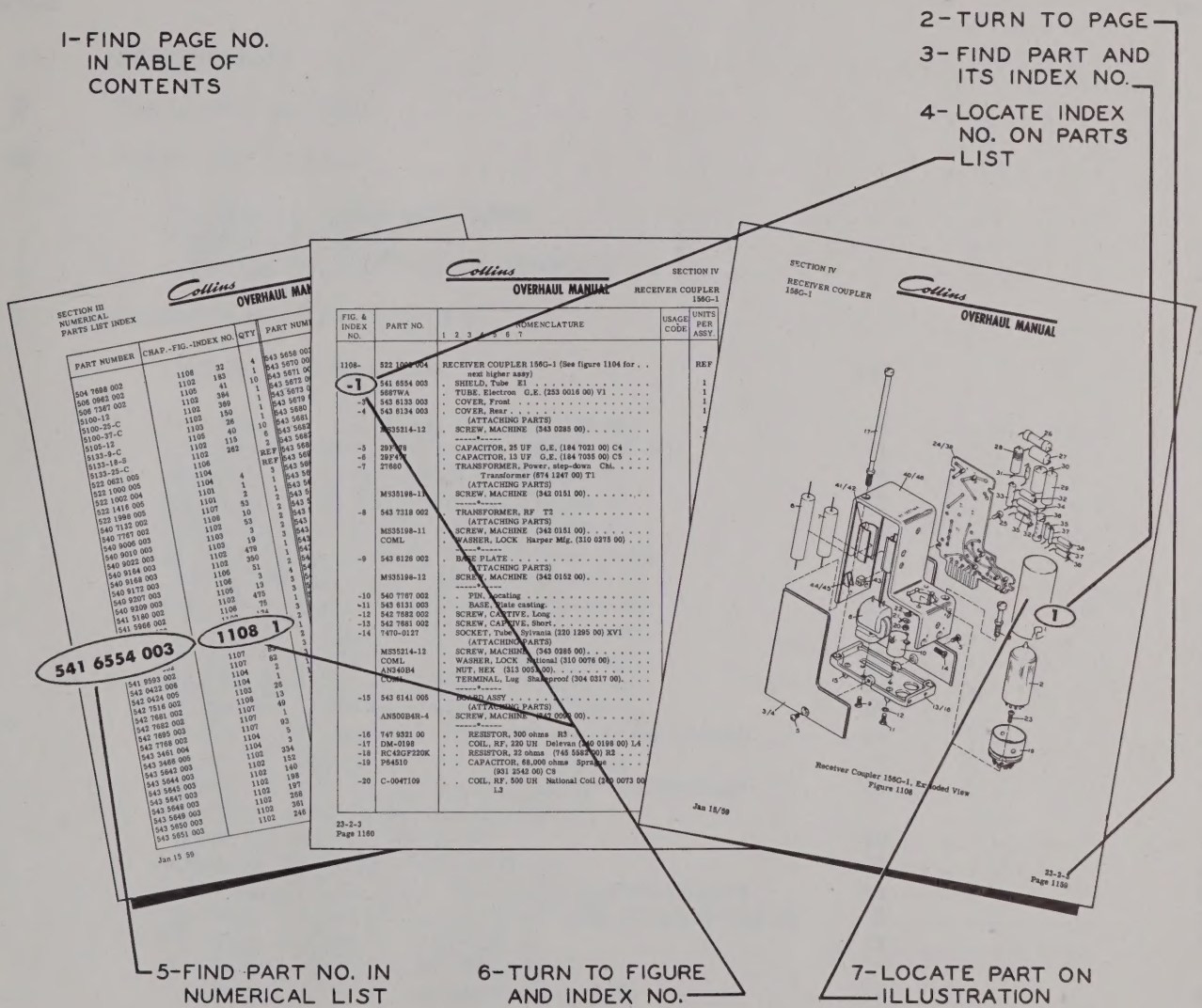
CODE	VENDOR'S NAME AND ADDRESS
	U. S. Terminal Cincinnati, Ohio
00222	ESC Corp. Palisades Park, N. J.
01281	Pacific Semiconductors, Inc. Culver City, Calif.
02660	Amphenol-Borg Electronics Corp. Broadview, Ill.
02768	Fastex Division of Illinois Tool Works Des Plaines, Ill.
07688	Joint Electronic Tube Engineering Council Washington, D. C.
09922	Burndy Corp. Norwalk, Conn.
12014	Chicago Rivet & Machine Co. Bellwood, Ill.
21520	Fansteel Metallurgical Corp. North Chicago, Ill.
24446	General Electric Co. Schenectady, New York

CODE	VENDOR'S NAME AND ADDRESS
37480	Machlett Laboratories, Inc. Springdale, Conn.
42498	National Co., Inc. Malden, Mass.
56289	Sprague Electric Co. North Adams, Mass.
71279	Cambridge Thermionic Corp. Cambridge, Mass.
71400	Bussman Mfg. Co. St. Louis, Missouri
71468	Cannon Electric Co. Los Angeles, Calif.
72136	Electro Motive Mfg. Co. Willimantic, Conn
72962	Elastic Stop Nut Corp. of America Union, New Jersey
72982	Erie Resistor Corp. Erie, Pa.
77147	Patton MacGuyer Co. Providence, R. I.

CODE	VENDOR'S NAME AND ADDRESS
77250	Pheoll Mfg. Co. Chicago, Ill.
78189	Shakeproof Division of Illinois Tool Works Elgin, Ill.
78553	Tinnerman Products, Inc. Cleveland, Ohio
79807	Wrought Washer Mfg. Co. Milwaukee, Wis.
80058	Communications Electronic Nomenclature Subpanel Washington, D. C.
80368	Sylvania Electronic Products, Inc. New York, N. Y.
81312	Winchester Electronics Co., Inc. Norwalk, Conn.
81349	Military Specifications
82142	Jeffers Electronic Division of Speer Carbon Co. DuBois, Pa.
82577	Hughes Aircraft Co. Culver City, Calif.
88044	Aeronautical Standards Group Departments of Navy and Air Force Washington, D. C.
88236	Bomac Laboratories, Inc. Beverly, Mass.
88245	U. S. Engineering Co. Glendale, Calif.
89185	Aeronautical Radio, Inc. Washington, D. C.

CODE	VENDOR'S NAME AND ADDRESS
91146	Diamond Mfg. Co. Wakefield, Mass.
91293	Johanson Mfg. Co. Booton, N. J.
92702	Induction Motor Corp. Westbury, Long Island, N. Y.
92825	Whitso, Inc. Chicago, Illinois
93983	Van Norman Industries, Inc. Electronic Division Manchester, N. H.
94154	Tung-Sol Electric, Inc. Newark, N. J.
96214	Texas Instruments, Inc. Apparatus Division Dallas, Texas
96296	Solar Mfg. Co. Los Angeles, Calif.
96906	Military Standards
97315	Ballastran Corp. Fort Wayne, Ind.
98291	Sealectro Corp. New Rochelle, N. Y.
98330	Polyphase Instrument Co. Bridgeport, Pa.
98978	International Electronic Research Corp. Burbank, Calif.
99378	Atlas, E. E., Corp. Bedford, Massachusetts
99800	Delevan Electronics Corp. East Aurora, N. Y.

HOW TO USE THIS ILLUSTRATED PARTS CATALOG



HOW TO FIND THE PART NUMBER IF THE SECTION OR SYSTEM OF THE EQUIPMENT IN WHICH THE PART IS USED IS KNOWN:

(1) Turn to the Table of Contents and find the page number for the Major Assembly or System in which the part is used.

(2) Turn to the page determined in step (1).

(3) Locate the part and its index number on the illustration.

(4) Find the index number on the Group Assembly Parts List page to determine complete description.

HOW TO FIND THE ILLUSTRATION FOR A PART IF THE PART NUMBER IS KNOWN:

(5) Refer to the Numerical Index and find the part number.

(6) Turn to the Parts List and find the figure and index number indicated in the Numerical Index for that part.

(7) On the face of the illustration, find the index number determined in step (6).

SECTION II

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SECTION III

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AN500B2R-4	2-30	4
AN500B2R-7	3-8	4
AN500B4R-3	2-21	12
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AN500C6R-5	19-6	1
AN936-10-14	19-41	1
AN936A10B	4-48	1
AN936A4B	5-23	1
AN936A416	8-6	2
AN936A416B	2-12	4
AN936A516	3-44	5
AN936A616	7-56	2
AN936B4B	2-18	2
BB61-102T-W6X	4-29	19
BC1353A	6-19	1
BC910B-1	19-4	1
BS-123	15-24	2
BS-222	4-43	1
CA82	7-64	1
CD8WA-471M	3-5	38
CL24BJ180UP3	19-23	2
C13388SS-010	19-46	2
DA-15PA101	2-16	2
DA-37PA101	15-34	1
DAF-15S-1A101	19-5	2
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DBF-25S-1A101	19-8	3
DCF-37S-1A101	19-9	1
DM-0159	4-42	1
DM0312	4-35	2
DM15F4511G01	15-25	3
DM15F471J01	11-7	2
DM19F472J	7-40	10
DPD-45-34P-1C	19-31	1
ESC51-80C	8-59	1
F301	7-52	1
G4777-10	4-53	31
HP-5N	7-46	1
JAN-1N251	5-14	1
MDL-3/4	6-5	1
MS35198-10	2-13	2
MS35198-11	2-14	9
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MS35198-17	19-16	3
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PART NUMBER	FIG.- INDEX NO.	QTY
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MS35200-27	19-44	4
MS35200-3	6-35	8
MS35200-33	7-67	4
MS35200-40	19-46	2
MS35214-10	3-35	8
MS35214-11	2-29	18
MS35214-12	3-16	39
MS35214-14	5-28	1
MS35214-16	6-12	7
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MS35214-23	2-7	2
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MS35216-1	4-49	13
MS35216-12	15-36	14
MS35216-13	8-43	6
MS35216-17	19-31	4
MS35216-18	15-8	2
MS35216-2	8-51	2
MS35216-23	7-46	4
MS35216-24	19-44	4
MS35216-25	19-49	4
MS35216-4	19-8	6
MS35216-5	8-16	2
MS35216-8	19-11	4
PP4B60A2	4-37	1
RC20GF100K	6-25	2
RC20GF101K	6-13	1
RC20GF103K	4-20	37
RC20GF104J	12-11	1
RC20GF104K	7-39	29
RC20GF105K	4-23	6
RC20GF121K	7-22	1
RC20GF123K	16-6	4
RC20GF124K	19-25	1
RC20GF151K	3-5	1
RC20GF152K	7-11	3
RC20GF153K	17-4	1
RC20GF154K	7-20	1
RC20GF181K	7-17	2
RC20GF182K	15-21	3
RC20GF183J	12-7	1
RC20GF183K	16-7	1
RC20GF184K	7-43	2
RC20GF220K	4-6	5
RC20GF221K	4-7	4
RC20GF222K	7-10	10
RC20GF223K	7-23	5
RC20GF224K	7-41	19
RC20GF225K	13-5	2
RC20GF272K	15-26	3
RC20GF331K	4-5	8
RC20GF332J	12-12	1
RC20GF332K	4-16	7
RC20GF333K	15-16	1

PART NUMBER	FIG. - INDEX NO.	QTY
RC20GF390K	4-8	3
RC20GF391K	7-70	1
RC20GF392K	15-27	1
RC20GF393K	7-29	3
RC20GF472J	12-5	1
RC20GF472K	4-9	14
RC20GF473K	4-19	9
RC20GF474K	4-15	5
RC20GF560K	6-15	2
RC20GF561K	11-6	1
RC20GF562J	12-14	1
RC20GF563K	7-25	3
RC20GF564K	9-4	4
RC20GF681K	11-4	1
RC20GF682J	12-10	1
RC20GF682K	7-29	4
RC20GF822K	14-4	3
RC20GF823K	7-24	1
RC32GF334K	4-25	1
RC42GF102K	6-17	1
RC42GF103J	8-17	1
RC42GF103K	5-16	1
RC42GF123J	8-29	1
RC42GF151K	8-26	1
RC42GF473J	8-15	1
RC42GF473K	4-24	2
RC42GF474K	6-8	4
RC42GF562K	7-31	1
RN60B1001F	4-22	1
RN60B1002F	4-14	4
RN60B1621F	20-6	1
RN60B1781F	9-1	1
RN60B2371F	4-13	1
RN60B3162F	4-26	1
RN60B3321F	4-10	1
RN60B3481F	9-6	1
RN60B3832F	4-21	1
RN60B51R1F	4-11	1
RN60B5112F	8-35	1
RN60B8251F	4-18	1
RN60B8252F	8-25	1
RN65B1004F	12-13	2
RN65R1472F	8-14	1
RN70B1003F	8-27	1
RN70B2613F	4-12	2
RN70B3163F	4-27	1
RV5LAXSB104B	8-7	1
RV5LAXSB251B	6-11	1
RV5LAXSB502B	8-6	1
R4008X3-16 CHROMATEDP	19-50	3
R4008X3-32 CHROMATEDP	6-2	12
SKT-2-BC	6-37	3
SMRE-14P-G	4-49	1
SMRE-14S-G	2-19	1
SMRE-7S-G	2-15	1
SPP-3	6-22	1
T-653	15-35	1
TR6 6015-2	22-1	3
UG-1094/U	19-48	3
UG-704/U	19-40	1
UG-88D/U	19-42	1
VDM15E200J01	12-4	2
VDM15F101J01	8-21	2

PART NUMBER	FIG. - INDEX NO.	QTY
VDM15F111G01	7-18	1
VDM15F151G01	15-16	1
VDM15F151J01	4-31	1
VDM15F151K01	5-11	1
VDM15F161G01	7-69	2
VDM15F221J01	11-8	1
VDM15F331G01	7-71	3
VDM15E470J01	7-19	1
VDM15F820G01	15-11	1
VDM19F102J	15-22	1
VDM19F242J	15-23	1
VDM19F472J	21-4	1
X7470-G91	4-57	10
X7490-C90	4-56	14
009-1359-00	19-4	1
012-1026-00	19-37A	1
012-1031-00	1-3	1
012-1229-00	1-3	1
1A1A12	4-52	31
1N21C	2-28	1
1N251	4-44	4
1N457	19-21	1
1N458	13-4	2
1N463	7-44	17
1N628	21-10	1
1N629	4-46	15
1N928	11-1	3
100-200-16	19-50	1
10100-123	4-47	1
10100-126	5-13	2
10100-129	4-10	1
10102-114	4-41	9
1024	19-32	1
10402-42	7-68	4
109-501-4	19-15	1
109D505C2050C2	4-34	3
134OT	3-6	1
141-0338-00	19-50	1
141-0348-00	19-15	1
141-0417-00	2-1	3
150-1512-00	7-46	1
150D106X0020B2	21-9	1
1714-05 PLAIN	6-11	1
184-7000-00	4-37	1
184-7036-00	19-23	2
184-7375-00	21-9	1
184-7792-00	4-34	3
186P10504T15	7-48	1
186P22403S15	7-51	1
186P2404T12	6-12	1
186P47404T15	7-49	1
186P68401T15	7-50	1
1902-0-F	7-56	1
196P10206S4	7-15	1
196P10301S4	7-21	3
196P10306S4	7-47	3
196P15301S4	7-16	4
196P33301S4	6-24	1
196P47304S4	8-11	3
196P474301S4	7-33	1
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201-0002-00	19-41	1
2058-3	4-36	7

PART NUMBER	FIG. - INDEX NO.	QTY
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2104-08-02-2520	8-54	1
220-1005-00	6-26	1
220-1291-00	4-57	10
220-1293-00	4-56	14
224L-1-103	8-18	1
240-0060-00	5-13	2
240-0063-00	4-10	1
240-0066-00	4-47	1
240-0084-00	15-24	2
240-0144-00	4-41	9
240-0159-00	4-42	1
240-0182-00	7-68	4
240-0312-00	4-35	1
240-0313-00	4-43	1
240-0604-00	7-28	2
241-0248-00	19-28	3
241-0276-00	19-34	37
253-0001-00	2-5	7
253-0002-00	2-3	8
253-0004-00	7-7	2
253-0013-00	7-6	3
255-0224-00	7-5	2
255-0343-00	19-14	1
256-0116-00	6-23	1
257-0176-00	3-38	1
264-0294-00	6-5	1
265-1037-00	6-6	1
280-2972-00	19-46	1
290-8858-00	2-6	1
292-0059-00	5-28	1
3JX37A	19-28	3
3S2791G201N9	4-4	2
3S2791G211F-13	19-13	1
301-1002-00	6-22	1
301-626C0H0409C	5-18	1
302-0024-00	5-28	1
304-0014-00	5-27	2
304-0015-00	4-52	8
304-0045-00	21-1	3
304-0140-00	19-32	1
304-0317-00	2-14	31
304-0319-00	8-54	1
304-0331-00	4-56	12
304-0332-00	19-32	2
305-0171-00	19-50	3
305-1019-00	6-2	12
305-1362-00	19-37A	3
306-0091-00	4-52	31
306-0234-00	2-13	37
306-0635-00	3-6	1
306-0643-00	7-53	1
306-1018-00	4-53	31
308-626C0H0470J	4-12	1
310-0034-00	2-30	18
310-0045-00	15-35	8
310-0046-00	7-46	1
310-0054-00	6-7	8
310-0055-00	2-7	2
310-0061-00	2-23	11
310-0072-00	8-53	8
310-0074-00	2-19	21
310-0076-00	2-14	40
310-0077-00	2-7	6
310-0079-00	2-1	10

PART NUMBER	FIG. - INDEX NO.	QTY
310-0275-00	4-49	17
310-0278-00	8-37	14
310-0279-00	5-2	30
310-0282-00	4-1	31
310-0396-00	2-21	47
310-0397-00	5-1	2
310-6320-00	8-51	2
312-0007-00	15-35	1
313-0002-00	19-6	7
313-0043-00	19-4	6
313-0045-00	7-52	6
313-0046-00	8-53	4
313-0050-00	4-56	2
313-0051-00	2-18	26
313-0132-00	8-43	3
313-0143-00	4-36	7
313-0156-00	5-26	14
324-0253-00	6-11	1
33-802	5-28	1
331-026C0H0609D	4-32	3
333-0347-00	19-43	1
333-0604-00	2-16	26
333-0605-00	4-4	2
334-0253-00	2-12	8
334-1331-00	19-46	2
334-4050-00	7-48	4
334-4120-00	7-56	1
340-0089-00	6-4	4
340-0508-00	4-36	7
340-0641-00	3-3	6
340-0642-00	2-1	16
342-0034-00	7-67	4
342-0042-00	15-38	1
342-0043-00	6-9	7
342-0044-00	6-19	4
342-0060-00	19-1	6
342-0062-00	6-21	2
342-0064-00	19-44	4
342-0078-00	19-46	2
342-0131-00	7-75	4
342-0132-00	7-53	1
342-0133-00	6-35	2
342-0139-00	19-5	2
342-0142-00	5-29	4
342-0143-00	2-16	2
342-0150-00	2-13	2
342-0151-00	2-14	9
342-0152-00	6-31	1
342-0153-00	2-17	19
342-0157-00	19-16	3
342-0159-00	19-28	4
343-0005-00	19-11	4
343-0016-00	15-8	2
343-0122-00	4-49	13
343-0123-00	8-51	2
343-0125-00	19-8	6
343-0126-00	8-16	2
343-0133-00	15-36	14
343-0134-00	8-43	6
343-0138-00	19-31	4
343-0139-00	15-8	2
343-0167-00	7-46	4
343-0168-00	19-44	4
343-0169-00	19-49	4
343-0283-00	3-35	8

PART NUMBER	FIG. - INDEX NO.	QTY
343-0284-00	2-29	18
343-0285-00	3-16	39
343-0287-00	5-28	1
343-0289-00	6-12	7
343-0298-00	2-19	18
343-0299-00	3-11	6
343-0328-00	2-7	2
343-0342-00	4-48	1
347-0006-00	8-37	12
347-0034-00	19-6	1
347-0089-00	2-21	12
347-0102-00	3-22	10
347-0103-00	1-1	4
347-0104-00	2-30	4
347-0107-00	3-8	4
353-0203-00	7-44	17
353-0204-00	19-21	1
353-0205-00	13-4	2
353-0254-00	9-2	2
353-0266-00	6-7	1
353-2539-00	5-14	1
353-2540-00	2-28	1
353-2543-00	4-45	5
353-2584-00	4-46	15
353-2776-00	21-10	1
353-2883-00	4-44	4
353-2972-00	11-1	3
357-9183-00	19-48	3
357-9292-00	19-42	1
357-9324-00	19-40	1
360-0087-00	6-37	3
370-2047-00	19-31	1
371-0020-00	2-16	2
371-0029-00	15-34	1
371-0031-00	7-73	1
371-0041-00	19-5	2
371-0042-00	19-8	3
371-0043-00	19-9	1
372-1692-00	4-49	1
372-1693-00	2-19	1
372-1698-00	2-15	1
372-1798-00	5-30	1
373-0005-00	8-6	2
373-0080-00	3-44	5
373-0081-00	7-56	1
373-0085-00	7-59	1
373-0090-00	6-11	1
373-3010-00	5-23	1
373-3040-00	4-48	1
373-3050-00	2-12	4
373-7010-00	2-18	2
380-6273-00	4-49	1
380-6276-00	4-51	1
380-6283-00	7-59	1
380-6293-00	2-12	1
380-6296-00	6-11	1
380-6298-00	8-6	1
380-6300-00	8-7	1
381-1288-00	8-18	1
40C135A1	4-30	3
4007-4	4-52	8
4040-2	5-27	2
500-1066-003	3-20	1
502-1157-002	8-6	2
502-1375-002	5-26	2

PART NUMBER	FIG. - INDEX NO.	QTY
502-1515-002	5-28	1
503-4970-001	19-38	2
504-7415-002	6-10	1
506-5902-003	2-20	8
5133-15-MD	6-4	4
522-2305-00	1-	1
528-0060-005	1-4	1
528-0068-00	1-7	1
528-0069-00	2-8	1
528-0092-005	1-6	1
540-9002-003	8-51	2
540-9037-003	8-37	12
540-9053-003	19-31	2
540-9065-003	15-35	2
540-9213-003	2-17	2
540-9448-003	7-46	1
541-5979-002	15-8	5
541-5987-002	15-8	4
541-6012-002	19-28	4
541-6550-003	1-4	9
541-6553-003	7-3	5
541-6554-003	7-2	5
541-7455-002	19-46	2
542-1151-002	6-32	1
542-8151-002	19-2	2
542-8153-002	19-2	1
543-0528-002	3-21	1
543-2014-002	3-28	2
544-2096-002	4-60	1
544-4396-005	1-5	1
544-4400-00	1-9	1
544-5870-005	2-7	1
544-5876-00	2-10	1
544-6352-002	6-33	1
544-6838-00	1-8	1
544-6845-002	6-4	4
544-6848-002	6-27	1
544-6849-002	6-28	1
544-6850-002	6-29	1
544-6855-002	6-33	2
544-6859-002	6-18	1
544-6860-002	6-1	1
544-6861-002	6-34	2
544-6865-003	6-3	1
544-6866-003	6-30	1
544-6868-003	6-35	1
544-7528-002	7-9	1
544-7529-002	7-72	1
544-7531-002	7-67	1
544-7539-002	4-52	1
544-7542-002	4-37	1
544-7543-002	4-40	1
544-7544-002	4-38	2
544-7545-002	4-36	1
544-7546-002	4-39	2
544-7553-002	4-48	1
544-7557-002	5-30	2
544-7558-002	4-49	2
544-7559-003	2-9	1
544-7568-002	19-47	1
544-7569-002	19-30	1
544-7570-002	19-28	1
544-7571-002	19-46	1
544-7572-002	19-44	1
544-7573-002	19-37	1

PART NUMBER	FIG. - INDEX NO.	QTY
544-7574-002	1-2	1
544-7576-002	19-7	1
544-7577-002	19-11	4
544-7579-002	19-5	2
544-7580-002	19-39	1
544-7581-002	19-1	8
544-7582-002	19-43	1
544-7583-002	19-43	1
544-7584-002	19-39	1
544-7591-002	19-3	1
544-7592-002	19-36	1
544-7593-002	19-36	1
544-7595-002	19-1	1
544-7596-002	19-31	2
544-7600-003	19-35	1
544-7601-003	19-33	1
544-7606-003	19-49	1
544-7610-004	19-52	1
544-7612-004	19-51	1
544-7619-002	15-6	1
544-7623-002	15-33	1
544-7633-004	15-39	1
544-7635-004	16-14	1
544-7636-004	15-7	1
544-7638-004	17-12	1
544-7640-004	15-8	1
544-7696-002	2-23	3
544-7700-002	2-25	1
544-7703-002	2-22	1
544-7871-002	6-2	1
544-8050-002	3-29	1
544-8821-003	2-20	1
544-8822-003	2-23	4
544-8824-003	2-21	1
544-8843-003	2-26	1
544-8844-003	2-23	1
544-8846-002	2-19	2
544-8847-002	2-19	1
544-8849-002	2-17	1
544-8858-001	3-41	1
544-8859-001	3-42	1
544-8860-001	3-40	4
544-8862-001	3-54	3
544-8863-001	3-25	1
544-8874-002	3-39	1
544-8875-002	3-34	1
544-8877-002	3-43	1
544-8879-002	3-52	1
544-8880-002	3-45	1
544-8881-002	3-51	1
544-8882-002	3-55	1
544-8883-002	3-56	1
544-8884-002	3-53	1
544-8898-002	3-20	1
544-8899-002	3-27	1
544-8901-002	3-48	2
544-8903-002	3-50	1
544-8904-002	3-49	1
544-8905-002	3-24	2
544-8906-002	3-26	1
544-8907-002	3-19	1
544-8912-003	3-57	1
544-8915-003	3-13	1
544-8916-003	3-7	1
544-8917-003	3-10	1

PART NUMBER	FIG. - INDEX NO.	QTY
544-8923-002	8-43	1
544-8931-002	4-1	2
544-8933-002	7-1	12
544-8934-002	2-1	1
544-8935-002	4-2	3
544-8965-003	13-7	1
544-8966-003	8-41	1
544-8988-002	2-30	1
544-8991-002	5-20	1
544-8994-002	5-2	1
544-8995-002	5-3	2
544-9000-002	5-19	1
544-9301-002	5-23	1
544-9302-002	5-24	1
544-9303-002	5-25	1
544-9305-003	2-33	1
544-9306-003	2-29	1
544-9307-003	5-28	1
544-9308-003	5-31	1
544-9309-003	5-29	1
544-9349-002	19-16	2
544-9362-004	19-26	1
544-9364-004	19-16	1
545-5454-002	3-31	1
545-5456-002	3-1	4
545-5457-002	3-14	1
545-5458-002	3-15	1
546-3536-004	21-11	1
546-3557-004	21-2	1
547-0834-00	1-10	1
547-0835-003	1-1	1
547-0838-00	1-11	1
547-2093-00	1-12	1
547-2102-003	2-34	1
547-2109-002	7-76	1
547-2112-002	8-42	1
547-2126-002	8-52	1
547-2127-002	8-8	1
547-2128-002	8-19	1
547-2131-003	11-9	1
547-2133-003	14-6	1
547-2135-003	9-8	1
547-2137-003	10-2	1
547-2139-003	12-15	1
547-2140-003	8-37	1
547-2141-003	8-38	1
547-2142-003	8-39	1
547-2143-003	8-40	1
547-2147-004	8-62	1
5654	2-5	7
5670	2-3	8
5687	7-5	2
5725	7-7	2
5814A	7-6	3
6293	6-23	1
6442	3-38	1
653C9	4-45	5
661-03501M	5-22	2
664-4800-00	6-21	1
664-8001-00	15-35	1
672-1031-00	6-19	1
673-0387-00	7-55	1
674-3011-00	7-52	1
674-3012-00	7-64	1
68-1660-26	2-16	26

PART NUMBER	FIG. - INDEX NO.	QTY
68-1660-40	4-4	2
68NM-40	19-43	1
6872	19-14	1
705-1716-00	4-27	1
705-6534-00	4-11	1
705-6596-00	4-22	1
705-6606-00	20-6	1
705-6608-00	9-1	1
705-6614-00	4-13	1
705-6621-00	4-10	1
705-6622-00	9-6	1
705-6629-00	4-18	1
705-6644-00	4-14	4
705-6668-00	4-26	1
705-6672-00	4-21	1
705-6678-00	8-35	1
705-7152-00	8-14	1
705-7240-00	12-13	2
705-7688-00	8-25	1
705-7692-00	8-27	1
705-7712-00	4-12	2
745-1268-00	6-25	2
745-1282-00	4-6	5
745-1293-00	4-8	3
745-1300-00	6-15	2
745-1310-00	6-13	1
745-1314-00	7-22	1
745-1317-00	3-5	1
745-1321-00	7-17	2
745-1324-00	4-7	4
745-1331-00	4-5	8
745-1335-00	7-70	1
745-1342-00	11-6	1
745-1345-00	11-4	1
745-1352-00	4-5	1
745-1359-00	7-11	3
745-1363-00	15-21	3
745-1366-00	7-10	10
745-1370-00	15-26	3
745-1372-00	12-12	1
745-1373-00	4-16	7
745-1377-00	15-27	1
745-1379-00	12-5	1
745-1380-00	4-9	14
745-1383-00	12-14	1
745-1386-00	12-10	1
745-1387-00	7-29	4
745-1391-00	14-4	3
745-1394-00	4-20	38
745-1398-00	7-38	5
745-1401-00	17-4	1
745-1404-00	12-7	1
745-1405-00	16-7	1
745-1408-00	7-23	5
745-1415-00	15-16	1
745-1419-00	7-27	2
745-1422-00	4-19	9
745-1426-00	7-25	3
745-1433-00	7-24	1
745-1435-00	12-11	1
745-1436-00	7-39	29
745-1440-00	19-25	1
745-1443-00	7-20	1
745-1447-00	7-43	2
745-1450-00	7-41	19

PART NUMBER	FIG. - INDEX NO.	QTY
745-1464-00	4-15	5
745-1468-00	9-4	4
745-1478-00	4-23	6
745-1492-00	13-5	2
745-3457-00	4-25	1
745-5617-00	8-26	1
745-5652-00	6-17	1
745-5684-00	7-31	1
745-5693-00	8-17	1
745-5694-00	5-16	1
745-5697-00	8-29	1
745-5721-00	8-15	1
745-5722-00	4-24	2
745-5764-00	6-8	4
746-9185-00	15-9	1
746-9189-00	2-11	1
747-5133-00	3-4	1
799-0041-00	15-31	1
799-0068-00	8-59	1
86P33403S1	6-34	1
88-8TM	6-26	1
912-1755-00	5-21	1
912-2352-00	5-22	2
912-2765-00	12-4	2
912-2792-00	7-19	1
912-2809-00	15-11	1
912-2816-00	8-21	2
912-2818-00	7-18	1
912-2827-00	15-16	1
912-2828-00	4-31	1
912-2829-00	5-11	1
912-2830-00	7-69	2
912-2840-00	11-8	1
912-2851-00	7-71	3
912-2864-00	11-7	2
912-2866-00	15-25	3
912-3000-00	15-22	1
912-3001-00	21-4	1
912-3027-00	15-23	1
912-3052-00	7-40	10
91256	7-55	1
913-2749-00	3-5	1
913-2751-00	4-33	1
913-2752-00	7-36	2
913-3161-00	4-29	19
913-3403-00	4-30	3
917-1075-00	8-51	1
922-0413-00	7-56	1
929-0023-00	5-18	1
929-0036-00	4-32	3
929-1615-00	4-12	1
929-2807-00	5-4	1
930-0537-00	6-34	1
931-1648-00	7-51	1
931-4188-00	19-17	1
931-4481-00	7-21	3
931-4482-00	6-24	1
931-4486-00	7-33	1
931-4488-00	7-16	4
931-4548-00	8-11	3
931-4560-00	7-15	1
931-4572-00	7-47	3
931-4614-00	7-49	1
931-4618-00	7-50	1
931-4620-00	7-48	1

PART NUMBER	FIG. - INDEX NO.	QTY
931-5841-00	6-12	1
931-5992-00	19-6	1
974-0560-00	4-4	2
974-0564-00	19-13	1
98-0S-2-4	1-3	1
98-2-MSP	19-37A	1
9822-22-03-00-0042	1-3	1

PART NUMBER	FIG. - INDEX NO.	QTY

SYMBOL LIST INDEX

SYMBOL	PART NUMBER	FIGURE & INDEX NO.
B101	009-1359-00	19-4
C101	931-5992-00	19-6
C102	931-4188-00	19-17
C103	184-7036-00	19-23
C110,C111	912-3001-00	21-3
C112	912-3052-00	21-1
C113	184-7375-00	21-9
CR101	353-2584-00	19-18
CR102	353-0204-00	19-21
CR103,CR104	353-2543-00	19-24
CR110	353-2776-00	21-10
FL101	544-7603-003	19-29
FL102 THRU FL104	241-0248-00	19-28
J101	371-0042-00	19-12
J102	371-0041-00	19-11
J103	371-0041-00	19-5
J104	371-0042-00	19-10
J105	371-0043-00	19-9
J106	371-0042-00	19-8
J107 THRU J109	357-9183-00	19-48
J110	357-9324-00	19-40
J112	542-8153-002	19-2
J113	544-7591-002	19-3
P111	370-2047-00	19-31
P205	357-9292-00	19-42
R101	745-1478-00	19-19
R102	745-1378-00	19-22
R103	745-1478-00	19-19
R104	745-1436-00	19-20
R105	745-1440-00	19-25
R110 THRU R112	745-1436-00	21-5
R113	745-1447-00	21-8
R114	745-1359-00	21-6
R115	745-1394-00	21-7
TB102	544-9364-004	19-16
TB103	546-3537-004	21-2
C201	913-2749-00	5-7
C202	929-0023-00	5-18
C203	929-2807-00	5-4
C204	912-2352-00	5-22
C205	929-1615-00	5-12
C206	912-2829-00	5-11
C207	913-2749-00	5-7
C208	912-1755-00	5-21
C209	912-2352-00	5-22
C210	913-2749-00	5-7
C211	544-8991-002	5-21
C212,C213	913-2749-00	5-7
C215 THRU C218	913-2749-00	4-28
C219 THRU C221	913-3161-00	4-29
C222,C223	913-2749-00	4-28
C224 THRU C226	913-3161-00	4-29
C227,C228	913-2749-00	4-28
C229 THRU C231	913-3161-00	4-29
C232	913-3403-00	4-30
C233	913-2749-00	4-28
C234 THRU C236	913-3161-00	4-29
C237	913-3403-00	4-30
C238	929-0036-00	4-32

SYMBOL	PART NUMBER	FIGURE & INDEX NO.
C239 THRU C241	913-3161-00	4-29
C242	913-3403-00	4-30
C243 THRU C244	913-3161-00	4-29
C246,C247	913-2749-00	4-28
C248	929-0036-00	4-32
C249	913-3161-00	4-29
C250	912-2828-00	4-31
C251	913-2751-00	4-33
C252 THRU C257	913-2749-00	4-28
C258	929-0036-00	4-32
C259	913-2749-00	3-5A
C260	184-7792-00	4-34
C261	913-2749-00	4-28
CR201	353-2539-00	5-14
CR203	353-2883-00	4-44
CR205	353-2883-00	4-44
CR206,CR207	353-2540-00	4-45
CR208,CR209	353-2584-00	4-46
CR210	353-2543-00	4-45
J201	372-1693-00	2-19
J215	372-1698-00	2-15
K201	974-0560-00	4-4
L201	544-9301-002	5-23
L202	544-9302-002	5-24
L203	240-0060-00	5-13
L204	240-0063-00	5-10
L205	240-0060-00	5-13
L207 THRU L208	240-0144-00	4-41
L209	544-7542-002	4-37
L210	545-7545-002	4-36
L211	544-7544-002	4-38
L212	544-7546-002	4-39
L213	544-7544-002	4-38
L214	544-7546-002	4-39
L215	544-7543-002	4-40
L216	240-0159-00	4-42
L217	240-0144-00	4-41
L218	240-0312-00	4-35
L219	240-0313-00	4-43
L220 THRU L224	240-0144-00	4-41
L225	240-0066-00	4-47
P202	544-7553-002	4-48
P203	371-0020-00	2-16
P213	543-2014-002	3-28
P215	372-1798-00	5-30
R201	745-1324-00	5-6
R202	745-1331-00	5-8
R204	745-1422-00	5-15
R205,R206	745-1380-00	5-5
R207	745-1422-00	5-15
R208	745-1478-00	5-9
R209	745-5694-00	5-16
R210	745-1352-00	5-17
R211	745-1478-00	5-9
R212	745-1317-00	3-5
R213	380-6293-00	2-12
R214	746-9189-00	2-11
R215	705-6534-00	4-11
R216	705-6621-00	4-10

SYMBOL	PART NUMBER	FIGURE & INDEX NO.
R217	745-1352-00	4-3
R218	745-1293-00	4-8
R219	745-1380-00	4-9
R220	705-6614-00	4-13
R221	745-1282-00	4-6
R222	745-1352-00	4-3
R223	745-1293-00	4-8
R224	745-1380-00	4-9
R225	705-6644-00	4-14
R226	745-1282-00	4-6
R227	380-6276-00	4-51
R228	380-6273-00	4-50
R229	745-1293-00	4-8
R230	745-1380-00	4-9
R231	745-1282-00	4-6
R232	745-1352-00	4-3
R233	705-6629-00	4-17
R234	745-1324-00	4-7
R235	745-1380-00	4-9
R236	745-1282-00	4-6
R237	745-1464-00	4-15
R238	705-6640-00	4-18
R239	745-1324-00	4-7
R240	745-1380-00	4-9
R241	745-1282-00	4-6
R242	705-6644-00	4-14
R244	705-6629-00	4-17
R245	745-1331-00	4-5
R246	705-6596-00	4-22
R247	705-6644-00	4-14
R248	745-1380-00	4-9
R249	745-1422-00	4-19
R250	745-1380-00	4-9
R251	745-1478-00	4-23
R253.R254	745-5722-00	4-24
R255	745-1373-00	4-16
R256	745-1464-00	4-15
R257	745-1373-00	4-16
R258	745-1394-00	4-20
R259	745-3457-00	4-25
R260	745-1422-00	4-19
R261	745-1422-00	4-19
R262	745-1380-00	4-9
R263	745-1422-00	4-19
R264,R265	705-7712-00	4-12
R266	705-1716-00	4-27
R267	705-6672-00	4-21
R268	705-6668-00	4-26
R269	747-5133-00	3-4
V201	253-0002-00	2-3
V202	253-0001-00	2-5
V203	257-0176-00	3-38
V204 THRU V209	253-0001-00	2-5
V210,V211	253-0002-00	2-3
XV201	220-1293-00	5-26
XV202	220-1291-00	5-27
XV204	220-1291-00	4-57
XV205 THRU XV207	220-1291-00	4-58
XV208,XV209	220-1291-00	4-59
XV210,XV211	220-1293-00	4-56
XY201	292-0059-00	5-28
Y201	290-8858-00	2-6
Z201	544-9306-003	2-29
Z202	544-8821-003	2-20
Z203	544-8843-003	2-26
Z204	544-5870-005	4-14

SYMBOL	PART NUMBER	FIGURE & INDEX NO.
Z205	544-9303-002	5-25
C301A,C301B	930-0537-00	6-34
C302	931-5841-00	6-12
C303	913-2749-00	6-16
C304	931-4482-00	6-24
CR301A,CR301B	353-0266-00	6-7
F301	264-0294-00	6-5
J301 THRU J303	306-0087-00	6-37
P302	371-0020-00	6-35
P312	543-2014-002	6-32
R301	745-1310-00	6-13
R302	380-6296-00	6-11
R303	745-5652-00	6-17
R304	745-1300-00	6-20
R305	745-1300-00	6-15
R306 THRU R309	745-5764-00	6-8
R311	745-1464-00	6-14
R312,R313	745-1268-00	6-25
TB301	544-6859-002	6-18
T301	664-4800-00	6-21
T302	672-1031-00	6-19
V301	256-0116-00	6-23
XF301	265-1037-00	6-6
XV301	220-1005-00	6-26
C401	913-2752-00	7-36
C402	922-0413-00	7-56
C403	931-4572-00	7-47
C404	931-4486-00	7-33
C405	913-2751-00	7-35
C406	912-2818-00	7-18
C409	912-2851-00	7-45
C408	931-4618-00	7-50
C410	931-4614-00	7-49
C411	931-4620-00	7-48
C413	931-4481-00	7-21
C414	913-2751-00	7-35
C415,C416	931-4481-00	7-21
C417	931-4560-00	7-15
C418	931-4488-00	7-16
C419	184-7000-00	7-37
C420	184-7133-00	7-46
C421	931-1648-00	7-51
C422	912-2830-00	7-69
C423 THRU C425	912-2851-00	7-71
C426	912-2830-00	7-69
C427	912-3052-00	7-40
C428	912-2792-00	7-19
C429	913-2752-00	7-36
R437	745-1443-00	7-20
CR401,CR402	353-2883-00	7-34
CR403	353-2584-00	7-42
CR404	353-0203-00	7-44
CR406	353-0203-00	7-44
L401,L402	240-0640-00	7-28
L403 THRU L406	240-0182-00	7-68
P401	371-0031-00	7-73
R401	745-1464-00	7-26
R402	745-5684-00	7-31
R403	745-1478-00	7-32
R404	745-1398-00	7-38
R405	745-1366-00	7-10
R406	745-1394-00	7-30
R407	745-1426-00	7-25
R408	745-1419-00	7-27
R409	745-1426-00	7-25
R410	745-1387-00	7-29

SYMBOL	PART NUMBER	FIGURE & INDEX NO.
R411	745-1314-00	7-22
R412	745-1433-00	7-24
R413	745-1321-00	7-17
R414 THRU R416	745-1366-00	7-10
R417	745-1359-00	7-11
R418	745-1335-00	7-70
R422	745-1419-00	7-27
R423	745-1394-00	7-30
R424	745-1366-00	7-10
R425	745-1426-00	7-25
R426	745-1408-00	7-23
R427	745-1366-00	7-10
R428	745-1408-00	7-23
R429	745-1310-00	7-13
R430	745-1332-00	7-14
R431	745-1380-00	7-12
R432	745-1450-00	7-41
R433	745-1366-00	7-10
R434	380-6283-00	7-59
R435	745-1436-00	7-39
R436	745-1352-00	7-14
R438	745-1380-00	7-12
R439	745-1447-00	7-43
TB1	544-7531-002	7-67
T401	674-3012-00	7-64
T402	674-3011-00	7-52
V401	253-0013-00	7-6
V402	253-0002-00	7-8
V403	253-0004-00	7-7
V404	253-0002-00	7-8
V405	253-0013-00	7-6
V406	255-0224-00	7-4
V407	253-0002-00	7-8
V408	253-0004-00	7-7
XV402	220-1293-00	7-57
XV403	220-1291-00	7-65
XV404	220-1291-00	7-63
XV405	220-1293-00	7-57
XV406	220-1293-00	7-60
XV407	220-1293-00	7-61
XV408	220-1291-00	7-66
Z401	673-0387-00	7-55
C501	912-2827-00	15-17
C504	912-2809-00	15-11
C505	912-3027-00	15-23
C506 THRU C511	913-2749-00	16-11
C512 THRU C518	913-2749-00	20-2
C519	912-3052-00	15-20
C520,C521	912-2866-00	15-25
C522	912-2816-00	15-19
C523	912-3000-00	15-22
C524	912-3052-00	15-20
C525	912-2866-00	15-25
CR501,CR502	353-2584-00	15-15
CR503 THRU CR510	353-0203-00	16-8
CR511	353-0203-00	17-3
CR512 THRU CR518	353-0203-00	20-1
DL501	799-0041-00	15-31
L501,L502	240-0084-00	15-24
P505	371-0029-00	15-34
R501	745-1394-00	15-14
R502	746-9185-00	15-9
R503	745-1373-00	15-10
R504	745-1436-00	15-13
R505	745-1387-00	15-29
R506	745-1373-00	15-10

SYMBOL	PART NUMBER	FIGURE & INDEX NO.
R507	745-1492-00	15-18
R508	745-1436-00	15-13
R509	745-1324-00	15-30
R510	745-1415-00	15-16
R513	745-1405-00	16-7
R514	745-1398-00	16-6
R515	745-1394-00	16-9
R516	745-1391-00	16-5
R517	745-1387-00	16-4
R518	745-1380-00	16-3
R519	745-1373-00	16-2
R520	745-1370-00	16-1
R521 THRU R528	745-1394-00	16-9
R529 THRU R535	745-1436-00	16-12
R536 THRU R541	745-1450-00	16-10
R542	745-1366-00	17-9
R543	745-1359-00	16-13
R544	745-1401-00	17-4
R545	745-1398-00	17-5
R546	745-1391-00	17-6
R547	745-1387-00	17-7
R548	745-1380-00	17-8
R549	745-1370-00	17-10
R550	745-1363-00	17-11
R551 THRU R557	745-1394-00	17-1
R558	745-1436-00	17-2
R559 THRU R565	745-1436-00	20-3
R566 THRU R572	745-1450-00	20-4
R573	745-1363-00	15-21
R574	745-1377-00	15-27
R575	745-1370-00	15-26
TB501	544-7636-004	15-7
TB502	544-7640-004	15-8
T501	664-8001-00	15-35
V501	253-0002-00	15-4
V502	253-0013-00	15-5
XV501,XV502	220-1293-00	15-36
C601	184-7792-00	8-12
C602,C603	912-3052-00	8-23
C604	931-4488-00	8-10
C605	912-2864-00	12-7
C617	931-4619-00	8-48
C618	931-4601-00	8-46
C619	931-4572-00	8-13
C622	931-4608-00	8-49
C623	931-4488-00	8-10
C624	912-3052-00	8-23
C625	931-4615-00	8-47
C630,C631	912-3052-00	9-7
C632,C633	912-3052-00	20-10
C670	931-4488-00	8-10
C671	184-7792-00	8-12
C672	912-2840-00	12-8
C680	912-2864-00	12-2
C681	912-2765-00	12-4
C682	912-2816-00	8-21
C683	931-4572-00	8-13
C684,C685	931-4548-00	8-11
C686	917-1075-00	8-51
CR601,CR602	353-2584-00	9-2
CR603,CR604	353-2584-00	20-5
CR605	353-2584-00	8-36
CR606	353-2972-00	11-1
CR607,CR608	353-2972-00	12-1
CR609,CR610	353-2584-00	12-6
CR612	353-2584-00	14-2
CR618	353-2584-00	13-2

SYMBOL	PART NUMBER	FIGURE & INDEX NO.
CR619,CR620	353-0205-00	13-4
CR621	353-2584-00	13-2
CR622,CR623	353-2584-00	14-2
DL601	799-0030-00	8-44
DL602	799-0068-00	8-53
L601	240-0312-00	8-22
R601,R602	745-5722-00	8-28
R603	745-1408-00	11-5
R604	745-1342-00	11-6
R605	745-1345-00	11-4
R606	745-1436-00	8-34
R607	745-1394-00	11-2
R620	705-6622-00	9-6
R621	745-1436-00	9-3
R622	745-1468-00	9-4
R623	745-1450-00	9-5
R624	705-6608-00	9-1
R625	745-1436-00	9-3
R626	745-1468-00	9-4
R627	745-1450-00	9-5
R628	380-6298-00	8-6
R629	745-1436-00	20-7
R630	745-1468-00	20-8
R631	745-1450-00	20-9
R632	705-6606-00	20-6
R633	745-1436-00	20-8
R634	745-1468-00	20-8
R635	745-1450-00	20-9
R636	745-1366-00	8-16
R637	745-1408-00	10-2
R638	745-1394-00	11-2
R644	380-6300-00	8-7
R646	745-1422-00	13-6
R647	745-1492-00	13-5
R648	745-1450-00	13-3
R649	745-1394-00	13-1
R652	745-1391-00	14-4
R653	705-7692-002	8-27
R654	705-6678-00	8-35
R658	745-1422-00	8-24
R659	745-1321-00	8-30
R660	745-1352-00	8-31
R661	745-5617-00	8-26
R662	745-1408-00	14-1
R663	745-1373-00	8-32
R664	745-1394-00	8-33
R667	745-1310-00	8-9
R668	381-1288-00	8-18
R669	705-6644-00	8-20
R670	745-1394-00	8-33
R671	745-1352-00	8-31
R672	745-1366-00	8-16
R673	745-1422-00	8-24
R674	745-1419-00	11-3
R676	705-7152-00	8-14
R680	745-1408-00	12-8
R682	745-1464-00	12-9
R683	745-1436-00	12-3
R684	745-1386-00	12-10
R685	745-1372-00	12-12
R686	745-1435-00	12-11
R687	745-1404-00	12-7
R688	745-5697-00	8-29
R689	745-5693-00	8-17
R690,R691	705-7240-00	12-13
R692	745-1383-00	12-14

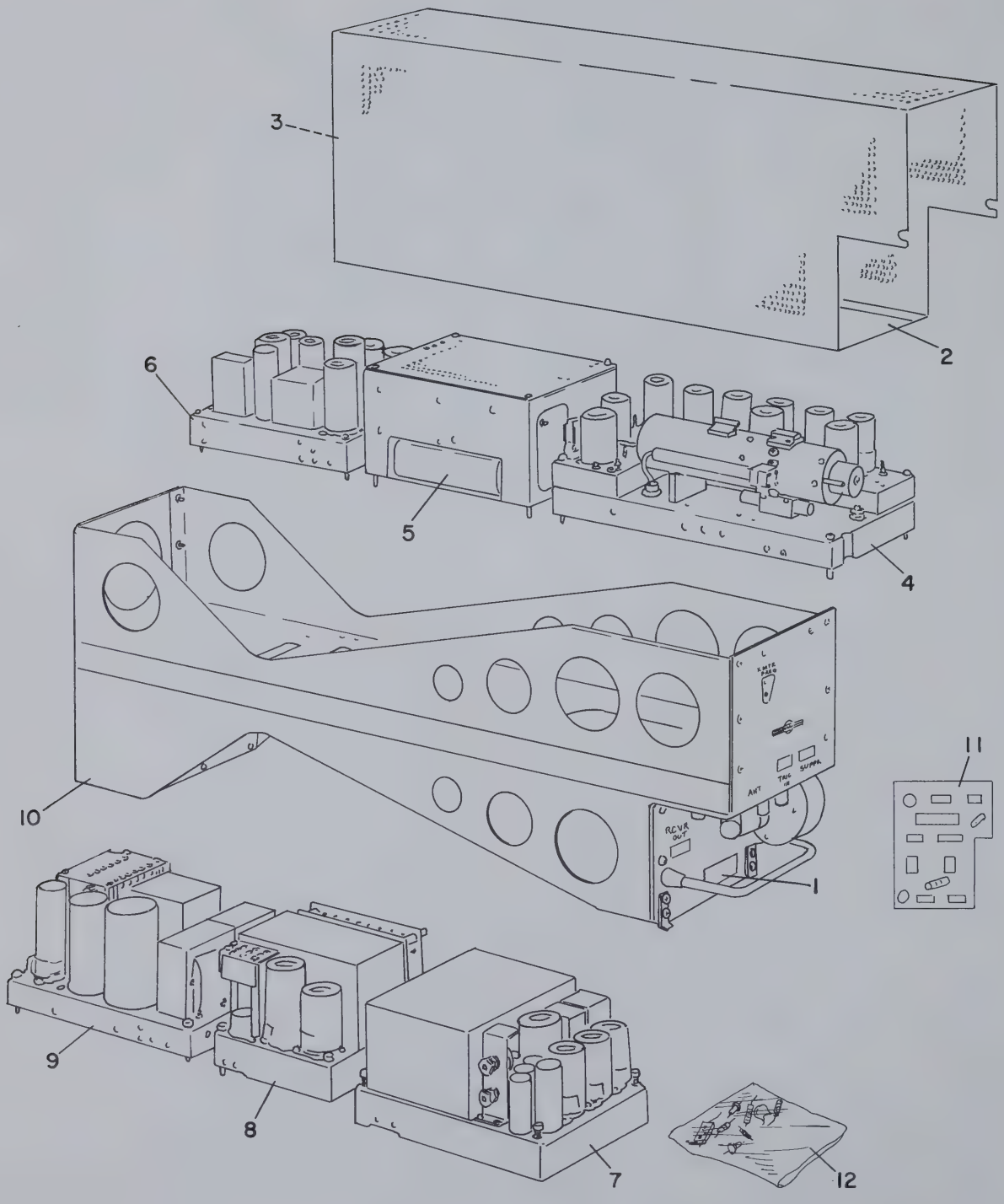
SYMBOL	PART NUMBER	FIGURE & INDEX NO.
R693	745-5721-00	8-15
R694	745-1379-00	12-5
R695	745-1436-00	14-5
TB601	547-2140-003	8-37
TB602	547-2141-003	8-38
TB603	547-2142-003	8-39
TB604	547-2143-003	8-40
TB605	544-8966-003	8-41
TB606	547-2112-002	8-42
T602	664-8000-00	8-45
V601 THRU V603	253-0002-00	8-4
V604	255-0005-00	8-5
C701	183-0231-00	18-26
C702A,C702B	183-0337-00	18-27
C703	184-7003-00	18-7
CR701 THRU CR704	353-1548-00	18-13
CR705,CR706	353-1548-00	18-16
F701	264-0297-00	18-9
F702	264-0291-00	18-10
F703	264-0290-00	18-11
J701 THRU J712	360-0087-00	18-29
K701	972-1483-00	18-31
K702	402-0306-00	19-24
K703	972-1484-00	18-32
K704	974-0560-00	18-23
L701	668-0348-00	18-34
L702	668-0349-00	18-35
R701	747-9735-00	18-5
R702	747-9490-00	18-3
R703	745-5638-00	18-6
R704	745-3324-00	18-17
R705	745-3328-00	18-18
R706	747-9410-00	19-8
R707	747-9449-00	19-4
R765	705-7688-00	8-25
T701	662-0346-00	18-33
XK702	220-1235-00	18-39

COMMERCIAL HARDWARE LIST

PART NUMBER	NOMENCLATURE	QTY.
302-0024-00	WASHER, NONMETALLIC: CORPRENE; 0.125 IN. ID, 0.312 IN. OD, 0.032 IN. THK	1
304-0331-00	TERMINAL, LUG: RD TONGUE END; BRONZE; NO. 2 SCREW ACCOMMODATED; 0.187 IN. BY 0.250 IN. BY 0.406 IN.	12
304-0332-00	TERMINAL, LUG: BRONZE ACCOMMODATE 0.066 IN. DIA CONDUCTOR, 0.187 IN. BY 0.250 IN. BY 13/32 IN.	2
310-0034-00	WASHER, LOCK: STEEL, SPLIT HELICAL RING; 0.098 IN. ID, 0.152 IN. OD, 0.022 IN. THK	18
312-0007-00	STUD, CONTINUOUS THREAD: TYPE 303 STAINLESS STEEL; 4-40 NC-2 THD, 3/8 IN. LG OVERALL	1
334-0253-00	NUT, PLAIN, HEXAGON: BRASS; 1/4-32 THD; 0.375 IN. HEX BY 0.125 IN. H	8
340-0641-00	RETAINER, CAPTIVE SCREW: COPPER; 0.145 IN. ID, 0.155 IN. OD, 0.125 IN. LG	6
340-0642-00	SPRING, CAPTIVE SCREW: COPPER SLEEVE TYPE; FOR NO. 8 SCREW; 0.185 IN. DIA BY 0.156 IN. THK	16
342-0139-00	SCREW, MACHINE: PHILLIPS RECESSED FLAT HEAD MACHINE SCREW; 2-56 NC-2A THD; 7/18 IN. LG	2
343-0016-00	SCREW, MACHINE: PHILLIPS RECESSED PAN HEAD MACHINE SCREW; 4-40 2NC-2A THD; 1 1/8 IN. LG	2
343-0342-00	SCREW, MACHINE: PHILLIPS RECESSED PAN HEAD MACHINE SCREW; 10-32 NF-2A THD; 3/16 IN. LG	1

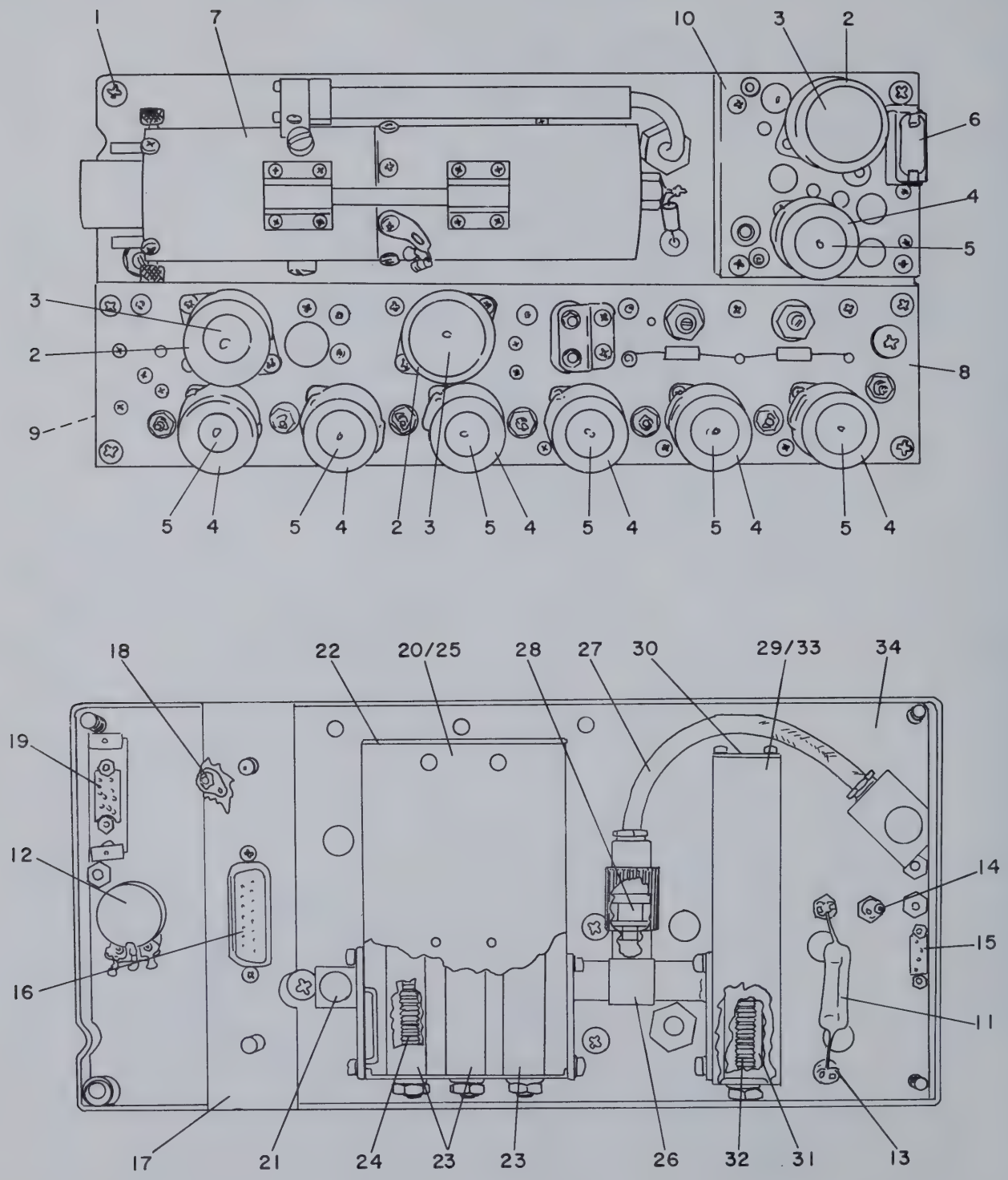
SECTION IV

GROUP ASSEMBLY PARTS LIST



ATC Transponder Set 621A-2A
Figure 1

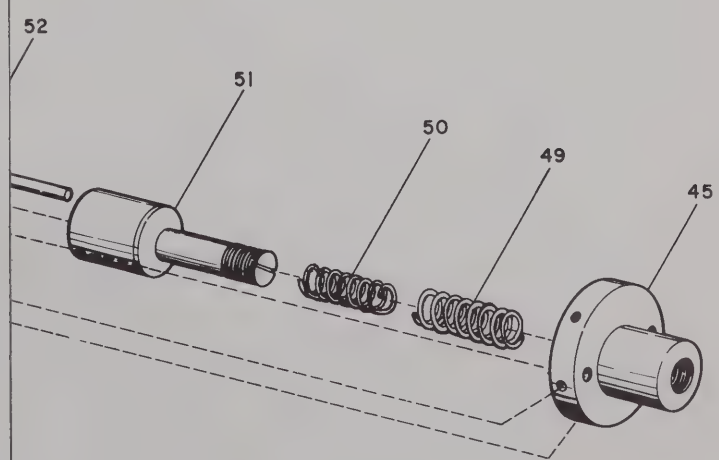
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
1 -	522-2305-00	ATC TRANSPONDER SET 621A-2A		1
- 1	547-0835-003	. PLATE, IDENTIFICATION		1
		ATTACHING PARTS		
	AN500B2R-3	. SCREW, MACHINE V88044 347-0103-00		4
		- - * - -		
- 2	544-7574-002	. CASE PINNED		1
- 3	9822-22-03	. . PIN, CROSS V02768 012-1031-00		1
	00-0042			
		ATTACHING PARTS		
	98-0S-2-4	. . STUD, FASTENER V78189 012-1229-00		1
- 4	528-0060-005	. RECEIVER TRANSMITTER GROUP -SEE FIGURE 2-		1
- 5	544-4396-005	. MODULATOR ASSEMBLY -SEE FIGURE 6-		1
- 6	528-0092-005	. CODER GROUP -SEE FIGURE 7-		1
- 7	528-0068-00	. DECODER GROUP -SEE FIGURE 8-		1
- 8	544-6838-00	. ENCODER GATE ASSEMBLY -SEE FIGURE 15-		1
- 9	544-4400-00	. POWER SUPPLY ASSEMBLY -SEE FIGURE 18-		1
- 10	547-0834-00	. TRANSPONDER SUBASSEMBLY CHASSIS -SEE FIGURE 19-		1
- 11	547-0838-00	. MODIFICATION KIT, ELECTRICAL EQUIPMENT, AUDIO MONITOR -SEE FIGURE 21-		1
- 12	547-2093-00	. MODIFICATION KIT, ELECTRICAL EQUIPMENT SEE FIGURE 20-		1



Receiver Transmitter Group
Figure 2

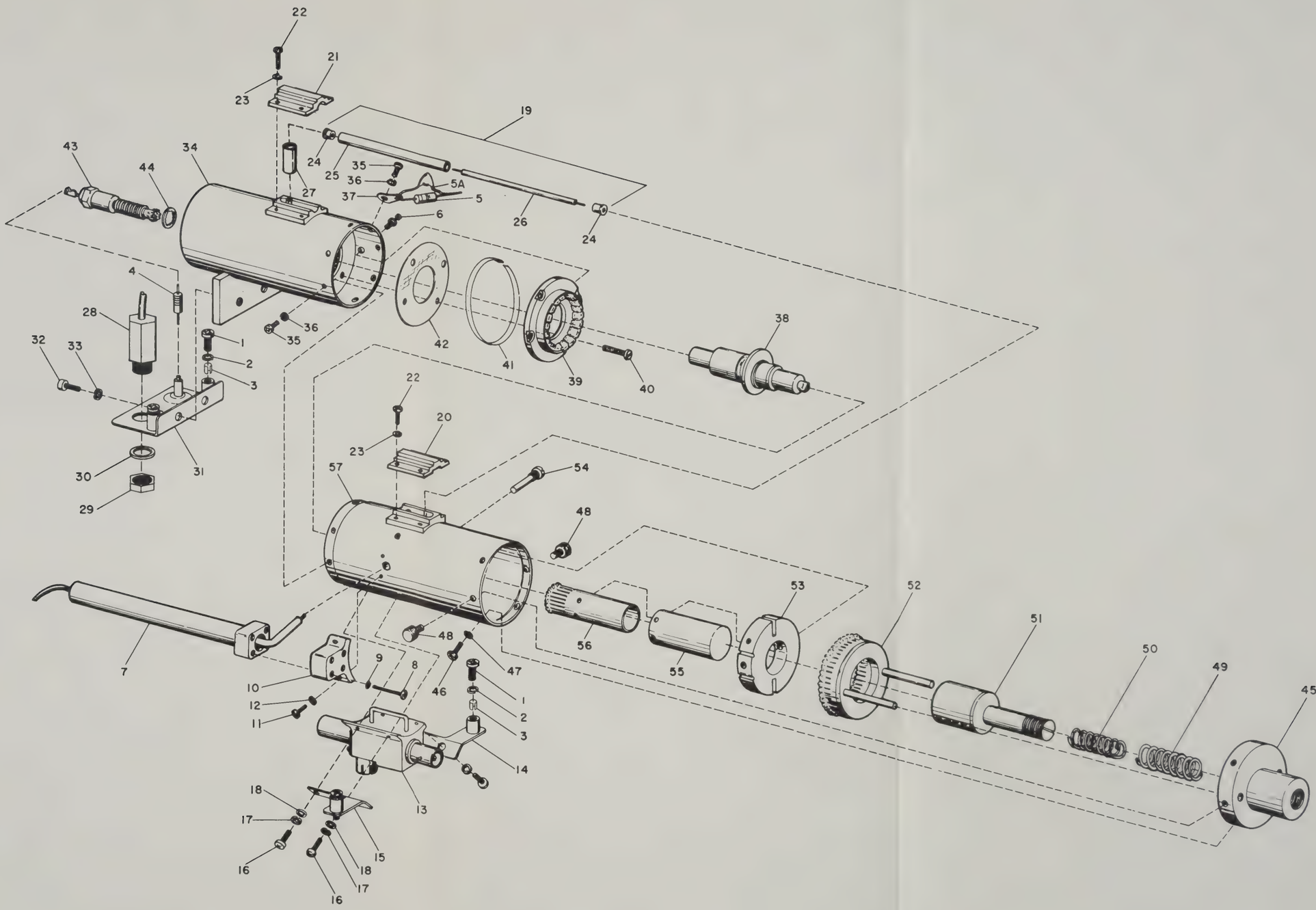
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
2 -	528-0060-005	RECEIVER TRANSMITTER GROUP -SEE FIGURE 1-4 FOR NHA-		REF
- 1	544-8934-002	. SCREW, MODIFIED		1
		ATTACHING PARTS		
	310-0079-00	. WASHER, LOCK V79807 310-0079-00		1
	340-0642-00	. SLEEVE, SPRING		1
		- - * - -		
- 2	TR6 6015-2	. SHIELD, TUBE V98978 141-0417-00		3
- 3	5670	. TUBE, ELECTRON V89185 253-0002-00 V201, V210, V211		3
- 4	541-6550-003	. SHIELD, TUBE		7
- 5	5654	. TUBE, ELECTRON V89185 253-0001-00 V202, V204 THRU V209		7
- 6	290-8858-00	. CRYSTAL UNIT, QUARTZ Y201		1
- 7	544-5870-005	. RF CAVITY ASSEMBLY Z204 -SEE FIGURE 3-		1
		ATTACHING PARTS		
	MS35214-23	. SCREW, MACHINE V96906 343-0328-00		2
	310-0055-00	. WASHER, FLAT V79807 310-0055-00		2
	310-0077-00	. WASHER, LOCK V79807 310-0077-00		2
	540-9213-003	. POST, HEX		2
		- - * - -		
- 8	528-0069-00	. AMPLIFIER, IF -SEE FIGURE 4-		1
- 9	544-7559-003	. SHIELD, IF		1
- 10	544-5876-00	. LOCAL OSCILLATOR ASSEMBLY -SEE FIGURE 5-		1
- 11	746-9189-00	. RESISTOR, 7,500 OHMS R214		1
- 12	380-6293-00	. RESISTOR, VARIABLE, 250,000 OHMS R213		1
		ATTACHING PARTS		
	AN936A416B	. WASHER, LOCK V88044 373-3050-00		1
	334-0253-00	. NUT, PLAIN, HEX		1
		- - * - -		
- 13	2A1A12	. TERMINAL, STUD V92825 306-0234-00		2
		ATTACHING PARTS		
	MS35198-10	. SCREW, MACHINE V96906 342-0150-00		2
		- - * - -		
- 14	2A1A12	. TERMINAL, STUD V92825 306-0234-00		1
		ATTACHING PARTS		
	2104-04-01 -2520	. TERMINAL, LUG V78189 304-0317-00		1
	MS35198-11	. SCREW, MACHINE V96906 342-0151-00		1
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		1
		- - * - -		
- 15	SMRE-7S-G	. CONNECTOR V81312 372-1698-00 J215		1
- 16	DA-15PA101	. CONNECTOR V71468 371-0020-00 P203		1
		ATTACHING PARTS		
	MS35198-3	. SCREW, MACHINE V96906 342-0143-00		2
	68-1660-26	. NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 17	544-8849-002	. BASE, RF, ROLLED		1
		ATTACHING PARTS		
	MS35198-13	. SCREW, MACHINE V96906 342-0153-00		4
		- - * - -		
- 18	2104-04-01 -2520	. TERMINAL, LUG V78189 304-0317-00		1
		ATTACHING PARTS		
	MS35198-11	. SCREW, MACHINE V96906 342-0151-00		1
	AN936B4B	. WASHER, LOCK V88044 373-7010-00		1
	AN340B4	. NUT, PLAIN, HEX V88044 313-0051-00		1
		- - * - -		
- 19	SMRE-14S-G	. CONNECTOR V81312 372-1693-00 J201		1
		ATTACHING PARTS		
	544-8847-002	. PLATE, CONNECTOR, MOUNTING		1
	544-8846-002	. NUT, CONNECTOR		2
	310-0074-00	. WASHER, LOCK V79807 310-0074-00		2
	MS35214-2	. SCREW, MACHINE V96906 343-0298-00		2
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
2- 20	544-8821-003	. PRE-SELECTOR ASSEMBLY Z202		1
		ATTACHING PARTS		
	MS35214-2	. SCREW, MACHINE V96906 343-0298-00		4
	310-0074-00	. WASHER, LOCK V79807 310-0074-00		4
	506-5902-003	. WASHER, SPECIAL		4
		- - * - -		
- 21	544-8824-003	. . PRESELECTOR, BNC, SOLDERED		1
		ATTACHING PARTS		
	AN500B4R-3	. . SCREW, MACHINE V88044 347-0089-00		4
	310-0396-00	. . WASHER, LOCK V79807 310-0396-00		4
		- - * - -		
- 22	544-7703-002	. . COVER, RIVETED		1
- 23	544-8822-003	. . CONTACT, PRESELECTOR		3
		ATTACHING PARTS		
	334-0253-00	. NUT, PLAIN, HEX		3
	310-0061-00	. . WASHER, FLAT V79807 310-0061-00		3
		- - * - -		
- 24	544-7696-002	. . ROD, PRESELECTOR		3
- 25	544-7700-002	. . BRACKET, SOLDERED		1
- 26	544-8843-003	. CRYSTAL MIXER ASSEMBLY Z203		1
		ATTACHING PARTS		
	AN500B4R-3	. SCREW, MACHINE V88044 347-0089-00		8
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		8
	MS35198-11	. SCREW, MACHINE V96906 342-0151-00		2
		- - * - -		
- 27	544-8844-003	. . CABLE ASSEMBLY		1
- 28	1N21C	. . DIODE, SILICON V88236 353-2540-00		1
- 29	544-9306-003	. FILTER ASSEMBLY Z201		1
		ATTACHING PARTS		
	MS35214-11	. SCREW, MACHINE V96906 343-0284-00		2
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		2
		- - * - -		
- 30	544-8988-002	. . COVER		1
		ATTACHING PARTS		
	AN500B2R-4	. . SCREW, MACHINE V88044 347-0104-00		4
	310-0034-00	. . WASHER, LOCK		4
		- - * - -		
- 31	544-8822-003	. . CONTACT, PRESELECTOR		1
		ATTACHING PARTS		
	334-0253-00	. . NUT, PLAIN, HEX		1
	AN936A416B	. . WASHER, LOCK V88044 373-3050-00		1
		- - * - -		
- 32	544-7696-002	. . ROD, PRESELECTOR		1
- 33	544-9305-003	. . BLOCK, FILTER		1
- 34	547-2102-003	. CHASSIS, PRESSED		1



avity Assembly
Figure 3

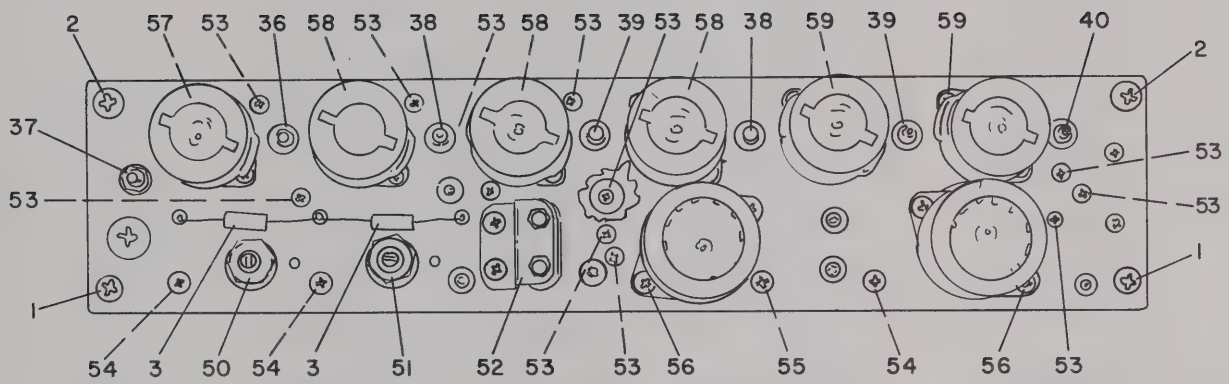
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
2- 20	544-8821-003	. PRE-SELECTOR ASSEMBLY Z202		1
		ATTACHING PARTS		
	MS35214-2	. SCREW, MACHINE V96906 343-0298-00		4
	310-0074-00	. WASHER, LOCK V79807 310-0074-00		4
	506-5902-003	. WASHER, SPECIAL		4
		- - * - -		
- 21	544-8824-003	. . PRESELECTOR, BNC, SOLDERED		1
		ATTACHING PARTS		
	AN500B4R-3	. . SCREW, MACHINE V88044 347-0089-00		4
	310-0396-00	. . WASHER, LOCK V79807 310-0396-00		4
		- - * - -		
- 22	544-7703-002	. . COVER, RIVETED		1
- 23	544-8822-003	. . CONTACT, PRESELECTOR		3
		ATTACHING PARTS		
	334-0253-00	. NUT, PLAIN, HEX		3
	310-0061-00	. . WASHER, FLAT V79807 310-0061-00		3
		- - * - -		
- 24	544-7696-002	. . ROD, PRESELECTOR		3
- 25	544-7700-002	. . BRACKET, SOLDERED		1
- 26	544-8843-003	. CRYSTAL MIXER ASSEMBLY Z203		1
		ATTACHING PARTS		
	AN500B4R-3	. SCREW, MACHINE V88044 347-0089-00		8
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		8
	MS35198-11	. SCREW, MACHINE V96906 342-0151-00		2
		- - * - -		
- 27	544-8844-003	. . CABLE ASSEMBLY		1
- 28	1N21C	. . DIODE, SILICON V88236 353-2540-00		1
- 29	544-9306-003	. FILTER ASSEMBLY Z201		1
		ATTACHING PARTS		
	MS35214-11	. SCREW, MACHINE V96906 343-0284-00		2
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		2
		- - * - -		
- 30	544-8988-002	. . COVER		1
		ATTACHING PARTS		
	AN500B2R-4	. . SCREW, MACHINE V88044 347-0104-00		4
	310-0034-00	. . WASHER, LOCK		4
		- - * - -		
- 31	544-8822-003	. . CONTACT, PRESELECTOR		1
		ATTACHING PARTS		
	334-0253-00	. . NUT, PLAIN, HEX		1
	AN936A416B	. . WASHER, LOCK V88044 373-3050-00		1
		- - * - -		
- 32	544-7696-002	. . ROD, PRESELECTOR		1
- 33	544-9305-003	. . BLOCK, FILTER		1
- 34	547-2102-003	. CHASSIS, PRESSED		1

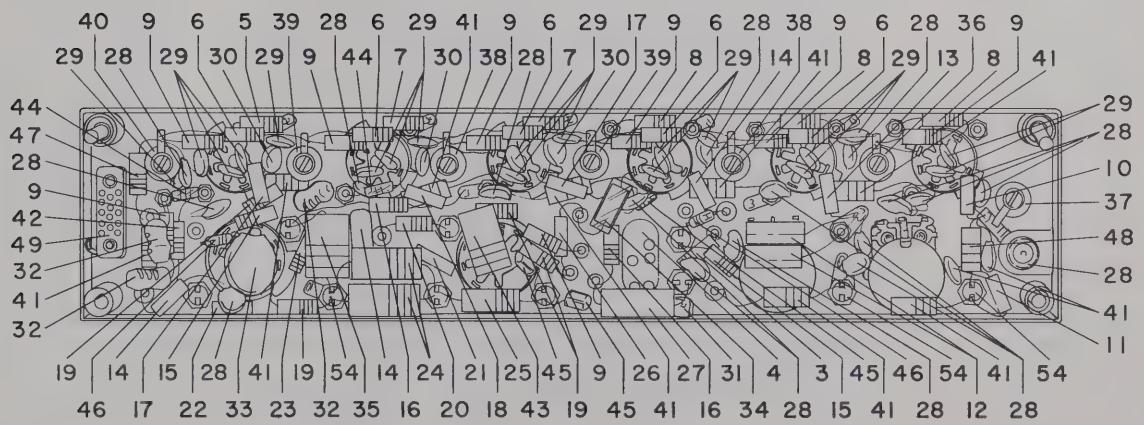


RF Cavity Assembly
Figure 3

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
3 -	544-5870-005	RF CAVITY ASSEMBLY Z204 -SEE FIGURE 2-7 FOR NHA-		REF
- 1	545-5456-002	. SCREW, MODIFIED		4
		ATTACHING PARTS		
- 2	310-0077-00	. WASHER, LOCK V79807 310-0077-00		4
- 3	340-0641-00	. SLEEVE, SPRING		4
		- - * - -		
- 4	747-5133-00	. RESISTOR, 0.8 OHMS R269		1
- 5	RC20GF151K	. RESISTOR, 150 OHMS V81349 745-1317-00 R212		1
- 5A	CD8WA-471M	. CAPACITOR, 470 UUF V81349 913-2749-00 C259		1
- 6	1340T	. POST, TERMINAL V88245 306-0635-00		1
- 7	544-8916-003	. B+ ASSEMBLY, ROLLED AND SOLDERED		1
		ATTACHING PARTS		
- 8	AN500B2R-7	. SCREW, MACHINE V88044 347-0107-00		4
- 9	310-0034-00	. WASHER, LOCK		4
		- - * - -		
- 10	544-8917-003	. BRACKET, B+		1
		ATTACHING PARTS		
- 11	MS35214-3	. SCREW, MACHINE V96906 343-0299-00		2
- 12	310-0034-00	. WASHER, LOCK		2
		- - * - -		
- 13	544-8915-003	. COUPLING ASSEMBLY		1
		ATTACHING PARTS		
- 14	545-5457-002	. BRACKET, COUPLING RIGHT, FLARED		1
- 15	545-5458-002	. BRACKET, COUPLING, LEFT, FLARED		1
- 16	MS35214-12	. SCREW, MACHINE V96906 343-0285-00		4
- 17	310-0396-00	. WASHER, LOCK V79807 310-0396-00		4
- 18	506-5902-003	. WASHER, SPECIAL		4
		- - * - -		
- 19	544-8907-002	. FEEDBACK ASSEMBLY		1
		ATTACHING PARTS		
- 20	544-8898-002	. COVER, FEEDBACK		1
- 21	543-0528-002	. BLOCK, COVER, RF INPUT		1
- 22	AN500B2R-2	. SCREW, MACHINE V88044 347-0102-00		8
- 23	310-0034-00	. WASHER, LOCK		8
		- - * - -		
- 24	544-8905-002	. . BUSHING, INSULATOR		2
- 25	544-8863-001	. . TUBE, FEEDBACK		1
- 26	544-8906-002	. . CONDUCTOR, FEEDBACK		1
- 27	544-8899-002	. SLEEVE, INSULATOR, INPUT, POST		1
- 28	543-2014-002	. CONNECTOR P213		1
		ATTACHING PARTS		
- 29	544-8850-002	. NUT, SPECIAL		1
- 30	500-1066-003	. WASHER, FLAT		1
		- - * - -		
- 31	545-5454-002	. BRACKET, CONNECTOR, PRESSED		1
		ATTACHING PARTS		
- 32	MS35214-12	. SCREW, MACHINE V96906 343-0285-00		2
- 33	310-0396-00	. WASHER, LOCK V79807 310-0396-00		2
		- - * - -		
- 34	544-8875-002	. CYLINDER, NO. 1, PRESSED		1
		ATTACHING PARTS		
- 35	MS35214-10	. SCREW, MACHINE V96906 343-0283-00		8
- 36	310-0396-00	. WASHER, LOCK V79807 310-0396-00		7
- 37	2104-04-01 -2520	. TERMINAL, LUG V78189 304-0317-00		1
		- - * - -		
- 38	6442	. TUBE, ELECTRON V37480 257-0176-00 V203		1
- 39	544-8874-002	. HOLDER, TUBE SOLDERED		1
		ATTACHING PARTS		
- 40	544-8860-001	. SCREW, TUBE, HOLDER		4
- 41	544-8858-001	. SPACER		1
- 42	544-8859-001	. INSULATOR, NO. 1		1
		- - * - -		
- 43	544-8877-002	. CONTACT, HEATER, SOLDERED		1
		ATTACHING PARTS		
- 44	AN936A516	. WASHER, LOCK V88044 373-0080-00		1
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
3- 45	544-8880-002	. CAP, NO. 2		1
		ATTACHING PARTS		
- 46	MS35214-12	. SCREW, MACHINE V96906 343-0285-00		4
- 47	310-0396-00	. WASHER, LOCK V79807 310-0396-00		4
- 48	544-8901-002	. SETSCREW		2
		- - * - -		
- 49	544-8904-002	. SPRING, NO. 2, CAVITY		1
- 50	544-8903-002	. SPRING, NO. 1, CAVITY		1
- 51	544-8881-002	. TUNER, CAPACITOR		1
- 52	544-8879-002	. HUB, DOUBLE, NO. 1, SOLDERED		1
- 53	544-8884-002	. RING, RETAINING		1
		ATTACHING PARTS		
- 54	544-8862-001	. SCREW, RETAINING		3
		- - * - -		
- 55	544-8882-002	. INSULATOR, NO. 2		1
- 56	544-8883-002	. CONTACT, ANODE		1
- 57	544-8912-003	. CYLINDER, NO. 2, SOLDERED		1



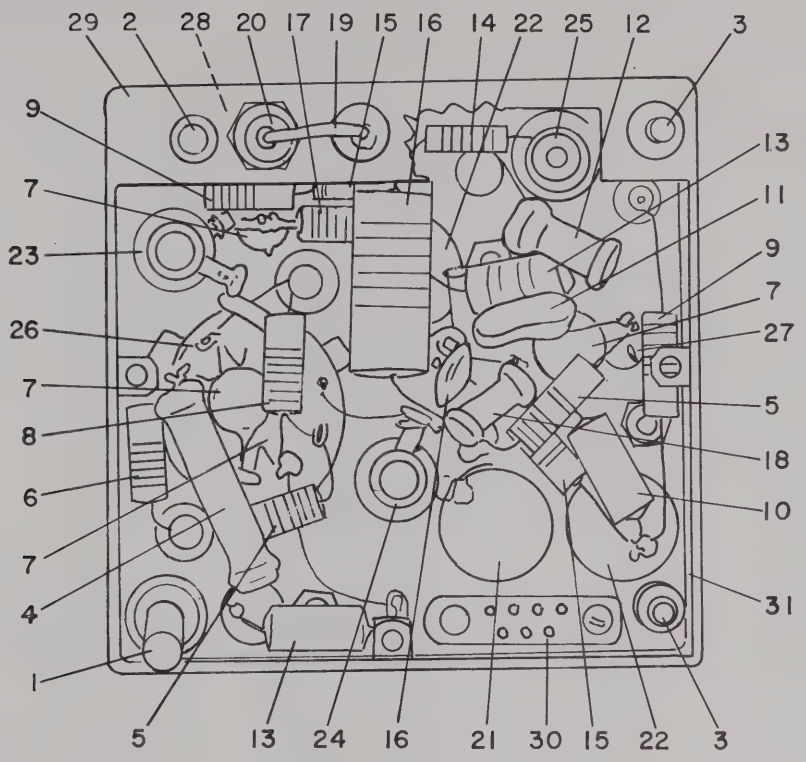


Amplifier, IF
Figure 4

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
4 -	528-0069-00	AMPLIFIER IF -SEE FIGURE 2-8 FOR NHA-		REF
- 1	544-8931-002	. SCREW, MODIFIED		2
		ATTACHING PARTS		
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		2
	340-0641-00	. SLEEVE, SPRING		2
		- - * - -		
- 2	544-8935-002	. SCREW, MODIFIED		2
		ATTACHING PARTS		
	310-0079-00	. WASHER, LOCK V79807 310-0079-00		2
	340-0642-00	. SLEEVE, SPRING		2
		- - * - -		
- 3	RC20GF102K	. RESISTOR, 1,000 OHMS V81349 745-1352-00 R217, R222, R232		3
- 4	3S2791G201N9	. RELAY, ARMATURE V24446 974-0560-00 K201		1
		ATTACHING PARTS		
	68-1660-40	. NUT, SELF LOCKING, HEX V72962 333-0605-00		2
		- - * - -		
- 5	RC20GF331K	. RESISTOR, 330 OHMS V81349 745-1331-00 R245		1
- 6	RC20GF220K	. RESISTOR, 22 OHMS V81349 745-1282-00 R221, R226, R231, R236, R241		5
- 7	RC20GF221K	. RESISTOR, 220 OHMS V81349 745-1324-00 R234, R239		2
- 8	RC20GF390K	. RESISTOR, 39 OHMS V81349 745-1293-00 R218, R223, R229		3
- 9	RC20GF472K	. RESISTOR, 4,700 OHMS V81349 745-1380-00 R219, R224, R230, R235, R240, R248, R250, R262		8
- 10	RN60B3321F	. RESISTOR, 3,320 OHMS V81349 705-6621-00 R216		1
- 11	RN60B51R1F	. RESISTOR, 51.1 OHMS V81349 705-6534-00 R215		1
- 12	RN70B2613F	. RESISTOR, 261,000 OHMS V81349 705-7712-00 R264, R265		2
- 13	RN60B2371F	. RESISTOR, 2,370 OHMS V81349 705-6614-00 R220		1
- 14	RN60B1002F	. RESISTOR, 10,000 OHMS V81349 705-6644-00 R225, R242, R247		3
- 15	RC20GF474K	. RESISTOR, 470,000 OHMS V81349 745-1464-00 R237, R256		2
- 16	RC20GF332K	. RESISTOR, 3,300 OHMS V81349 745-1373-00 R255, R257		2
- 17	RN60B4871F	. RESISTOR, 4,870 OHMS V81349 705-6629-00 R233, R244		2
- 18	RN60B8251F	. RESISTOR, 8,250 OHMS V81349 705-6640-00 R238		1
- 19	RC20GF473K	. RESISTOR, 47,000 OHMS V81349 745-1422-00 R249, R260, R261, R263		4
- 20	RC20GF103K	. RESISTOR, 10,000 OHMS V81349 745-1394-00 R258		1
- 21	RN60B3832F	. RESISTOR, 38,300 OHMS V81349 705-6672-00 R267		1
- 22	RN60B1001F	. RESISTOR, 1,000 OHMS V81349 705-6596-00 R246		1
- 23	RC20GF105K	. RESISTOR, 1 MEG V81349 745-1478-00 R251		1
- 24	RC42GF473K	. RESISTOR, 47,000 OHMS V81349 745-5722-00 R253, R254		2
- 25	RC32GF334K	. RESISTOR, 330,000 OHMS V81349 745-3457-00 R259		1
- 26	RN60B3162F	. RESISTOR, 31,600 OHMS V81349 705-6668-00 R268		1
- 27	RN70B3163F	. RESISTOR, 316,000 OHMS V81349 705-7716-00 R266		1
- 28	CD8WA-471M	. CAPACITOR, 470 UUF V96296 913-2749-00 C215 THRU C218, C222, C223, C227, C228, C233, C246, C247, C252 THRU C257, C261		18

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
4- 29	BB61-102T-W6X	. CAPACITOR, 0.001 UF V71590 913-3161-00 C219, C220, C221, C224, C225, C226, C229, C230, C231, C234, C235, C236, C239, C240, C241, C243, C244, C245, C249		19
- 30	40C135A1	. CAPACITOR, 47 UUF V56289 913-3403-00 C232, C237, C242		3
- 31	VDM15F151J01	. CAPACITOR, 150 UUF V72136 912-2828-00 C250		1
- 32	331-026C0H0609D	. CAPACITOR, 6 UUF V72982 929-0036-00 C238, C248, C258		3
- 33	913-2751-00	. CAPACITOR, 4,700 UUF C251		1
- 34	109D505C2050C2	. CAPACITOR, 5 UUF V56289 184-7792-00 C260		1
- 35	DM0312	. CHOKE, RF, 5 UH V99800 240-0312-00 L218		1
- 36	544-7545-002	. COIL, IF L210		1
		ATTACHING PARTS		
	313-0143-00	. NUT, PLAIN, HEX V77250 313-0143-00		1
	310-0079-00	. WASHER, LOCK V79807 310-0079-00		1
	2058-3	. CLIP, RETAINING V71279 340-0508-00		1
		- - * - -		
- 37	544-7542-002	. COIL, IF L209		1
		ATTACHING PARTS		
	313-0143-00	. NUT, PLAIN, HEX V77250 313-0143-00		1
	310-0079-00	. WASHER, LOCK V79807 310-0079-00		1
	2058-3	. CLIP, RETAINING V71279 340-0508-00		1
		- - * - -		
- 38	544-7544-002	. COIL, IF L211, L213		2
		ATTACHING PARTS		
	313-0143-00	. NUT, PLAIN, HEX V77250 313-0143-00		2
	310-0079-00	. WASHER, LOCK V79807 310-0079-00		2
	2058-3	. CLIP, RETAINING V71279 340-0508-00		2
		- - * - -		
- 39	544-7546-002	. COIL, IF L212, L214		2
		ATTACHING PARTS		
	313-0143-00	. NUT, PLAIN, HEX V77250 313-0143-00		2
	310-0079-00	. WASHER, LOCK V79807 310-0079-00		2
	2058-3	. CLIP, RETAINING V71279 340-0508-00		2
		- - * - -		
- 40	544-7543-002	. COIL, IF L215		1
		ATTACHING PARTS		
	313-0143-00	. NUT, PLAIN, HEX V77250 313-0143-00		1
	310-0079-00	. WASHER, LOCK V79807 310-0079-00		1
	2058-3	. CLIP, RETAINING V71279 340-0508-00		1
		- - * - -		
- 41	10102-114	. CHOKE V82142 240-0144-00 L206, L207, L208, L217, L220 THRU L224		9
- 42	DM-0159	. CHOKE V99800 240-0159-00 L216		1
- 43	BS-222	. CHOKE V99800 240-0313-00 L219		1
- 44	1N251	. SEMICONDUCTOR, DIODE V93983 353-2883-00 CR203, CR205		2
- 45	653C9	. SEMICONDUCTOR, DIODE V96214 353-2543-00 CR206, CR207, CR210		3
- 46	1N629	. SEMICONDUCTOR, DIODE V82577 353-2584-00 CR208, CR209		2
- 47	10100-123	. CHOKE, RF V82142 240-0066-00 L225		1
- 48	544-7553-002	. CONNECTOR, IF P202		1
		ATTACHING PARTS		
	AN936A10B	. WASHER, LOCK V88044 373-3040-00		1
	343-0342-00	. SCREW, MACHINE		1
		- - * - -		
- 49	SMRE-14P-G	. CONNECTOR V81312 372-1692-00 P201		1
		ATTACHING PARTS		
	MS35216-1	. SCREW, MACHINE V96906 343-0122-00		2
	310-0275-00	. WASHER, LOCK V79807 310-0275-00		2
	544-7558-002	. POST, SUPPORTING		2
		- - * - -		

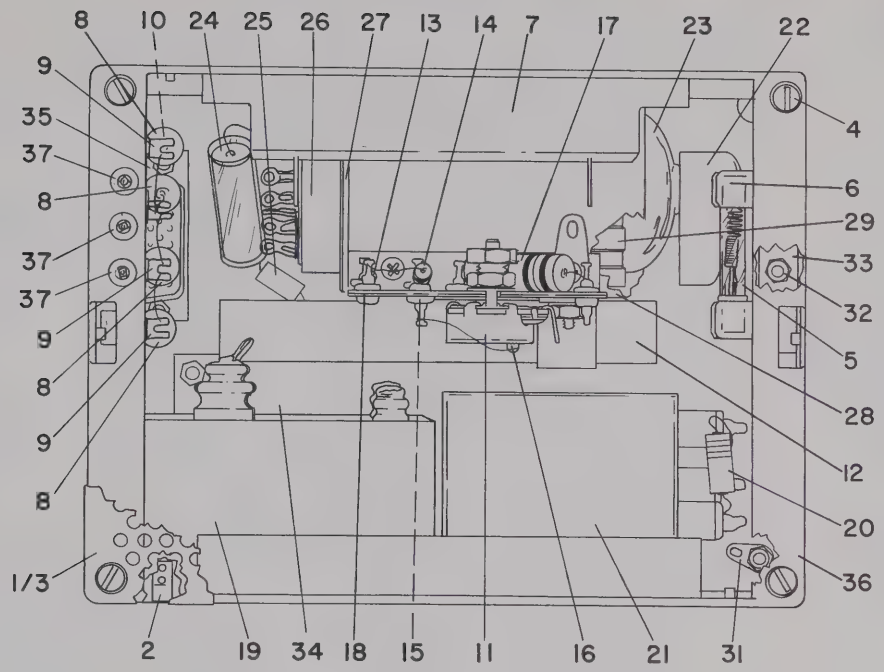
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
4- 50	380-6273-00	• RESISTOR, 500 OHMS R228		1
		ATTACHING PARTS		
	334-0253-00	• NUT, PLAIN, HEX		1
	AN936A416B	• WASHER, LOCK V88044 373-3050-00		1
		- - * - -		
- 51	380-6276-00	• RESISTOR, 5,000 OHMS R227		1
		ATTACHING PARTS		
	334-0253-00	• NUT, PLAIN, HEX		1
	AN936A416B	• WASHER, LOCK V88044 373-3050-00		1
		- - * - -		
- 52	544-7539-002	• BRACKET, RELAY		1
		ATTACHING PARTS		
	MS35214-11	• SCREW, MACHINE V96906 343-0284-00		2
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		2
	4007-4	• TERMINAL, LUG V77147 304-0015-00		1
	1A1A12	• TERMINAL, STUD V92825 306-0091-00		2
		- - * - -		
- 53	G4777-10	• TERMINAL, STANDOFF U.S. TERMINAL 306-1018-00		11
		ATTACHING PARTS		
	MS35216-1	• SCREW, MACHINE V96906 343-0122-00		11
	310-0275-00	• WASHER, LOCK V79807 310-0275-00		11
		- - * - -		
- 54	1A1A12	• TERMINAL, STUD V92825 306-0091-00		3
		ATTACHING PARTS		
	MS35214-11	• SCREW, MACHINE V96906 343-0284-00		3
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		3
	4007-4	• TERMINAL, LUG V77147 304-0015-00		3
		- - * - -		
- 55	1A1A12	• TERMINAL, STUD V92825 306-0091-00		1
		ATTACHING PARTS		
	MS35214-11	• SCREW, MACHINE V96906 343-0284-00		1
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		1
		- - * - -		
- 56	X7490-C90	• SOCKET, TUBE V80368 220-1293-00		2
		XV210, XV211		
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0284-00		4
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		4
	4007-4	• TERMINAL, LUG V77147 304-0015-00		4
	1A1A12	• TERMINAL, STUD V92825 306-0091-00		4
		- - * - -		
- 57	X7470-G91	• SOCKET, TUBE V80368 220-1291-00 XV204		1
		ATTACHING PARTS		
	MS35214-2	• SCREW, MACHINE V96906 343-0298-00		2
	310-0074-00	• WASHER, LOCK V79807 310-0074-00		2
	AN340B2	• NUT, PLAIN, HEX V88044 313-0050-00		2
	304-0331-00	• TERMINAL, LUG		1
		- - * - -		
- 58	X7470-G91	• SOCKET, TUBE V80368 220-1291-00		3
		XV205, XV206, XV207		
		ATTACHING PARTS		
	MS35214-2	• SCREW, MACHINE V96906 343-0298-00		6
	304-0331-00	• TERMINAL, LUG		6
	310-0074-00	• WASHER, LOCK V79807 310-0074-00		6
	AN340B2	• NUT, PLAIN, HEX V88044 313-0050-00		6
		- - * - -		
- 59	X7470-G91	• SOCKET, TUBE. V80368 220-1291-00		2
		XV208, XV209		
		ATTACHING PARTS		
	MS35214-2	• SCREW, MACHINE V96906 343-0298-00		2
	304-0331-00	• TERMINAL, LUG		2
	310-0074-00	• WASHER, LOCK V79807 310-0074-00		2
	G4777-10	• TERMINAL, STANDOFF U.S. TERMINAL 306-1018-00		2
	AN340B2	• NUT, PLAIN, HEX V88044 313-0050-00		2
		- - * - -		
- 60	547-2096-002	• CHASSIS, PRESSED AND ROLLED		1



Local Oscillator Assembly
Figure 5

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
5 -	544-5876-00	LOCAL OSCILLATOR ASSEMBLY -SEE FIGURE 2-10 FOR NHA-		REF
- 1	544-8935-002	• SCREW, MODIFIED		1
		ATTACHING PARTS		
	310-0397-00	• WASHER, LOCK V79807 310-0397-00		1
	340-0642-00	• SLEEVE, SPRING		1
		- - * - -		
- 2	544-8994-002	• SCREW, MOUNTING NO. 1		1
		ATTACHING PARTS		
	310-0279-00	• WASHER, LOCK V79807 310-0279-00		1
		- - * - -		
- 3	544-8995-002	• SCREW, MOUNTING NO. 2		2
		ATTACHING PARTS		
	310-0279-00	• WASHER, LOCK V79807 310-0279-00		2
		- - * - -		
- 4	929-2807-00	• CAPACITOR, 100 UUF C203		1
- 5	RC20GF472K	• RESISTOR, 4,700 OHMS V81349 745-1380-00 R205, R206		2
- 6	RC20GF221K	• RESISTOR, 220 OHMS V81349 745-1324-00 R201		1
- 7	CD8WA-471M	• CAPACITOR, 470 UUF V96296 913-2749-00 C201, C207, C210, C212, C213		5
- 8	RC20GF331K	• RESISTOR, 330 OHMS V81349 745-1331-00 R202		1
- 9	RC20GF105K	• RESISTOR, 1 MEG V81349 745-1478-00 R208, R211		2
- 10	10100-129	• CHOKE, 1.5 MH V82142 240-0063-00 L204		1

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
5- 11	VDM15F151K01	• CAPACITOR, 150 UUF V72136 912-2829-00 C206		1
- 12	308-626C0H0470J	• CAPACITOR, 47 UUF V72982 929-1615-00 C205		1
- 13	10100-126	• CHOKE, 0.47 UH V82142 240-0060-00 L203, L205		2
- 14	JAN-1N251	• DIODE V81349 353-2539-00 CR201		1
- 15	RC20GF473K	• RESISTOR, 47,000 OHMS V81349 745-1422-00 R204, R207		2
- 16	RC42GF103K	• RESISTOR, 10,000 OHMS V81349 745-5694-00 R209		1
- 17	RC20GF102K	• RESISTOR, 1,000 OHMS V81349 745-1352-00 R210		1
- 18	301-626C0H0409C	• CAPACITOR, 4 UUF V72982 929-0023-00 C202		1
- 19	544-9000-002	• LOOP, LOCAL OSCILLATOR		1
- 20	544-8991-002	• CAPACITOR, SOLDERED C211		1
- 21	912-1755-00	• CAPACITOR, 500 UUF C208		1
- 22	661-03501M	• CAPACITOR, 500 UUF V72982 912-2352-00 C204, C209		2
- 23	544-9301-002	• COIL, RF L201		1
		ATTACHING PARTS		
	310-0397-00	• WASHER, LOCK V79807 310-0397-00		1
	AN936A4B	• WASHER, LOCK V88044 373-3010-00		1
		- - * - -		
- 24	544-9302-002	• COIL, RF L202		1
		ATTACHING PARTS		
	310-0397-00	• WASHER, LOCK V79807 310-0397-00		1
	AN936A4B	• WASHER, LOCK V88044 373-3010-00		1
		- - * - -		
- 25	544-9303-002	• COIL, RF Z205		1
- 26	X7490-C90	• SOCKET, TUBE V80368 220-1293-00 XV201		1
		ATTACHING PARTS		
	502-1375-002	• POST, GROUND		2
	310-0279-00	• WASHER, LOCK V79807 310-0279-00		2
	313-0156-00	• NUT, PLAIN, HEX V77250 313-0156-00		2
		- - * - -		
- 27	X7470-G91	• SOCKET, TUBE V80368 220-1291-00 XV202		1
		ATTACHING PARTS		
	MS35214-2	• SCREW, MACHINE V96906 343-0298-00		2
	310-0275-00	• WASHER, LOCK V79807 310-0275-00		2
	4040-2	• TERMINAL, LUG V77147 304-0014-00		2
	AN340B2	• NUT, PLAIN, HEX V88044 313-0050-00		2
		- - * - -		
- 28	33-802	• SOCKET, CRYSTAL V02660 292-0059-00 XY201		1
		ATTACHING PARTS		
	MS35214-14	• SCREW, MACHINE V96906 343-0287-00		1
	502-1515-002	• WASHER, FLAT		1
	302-0024-00	• WASHER, COMPOSITION		1
	313-0156-00	• NUT, PLAIN, HEX V77250 313-0156-00		1
	544-9307-003	• CLIP		1
		- - * - -		
- 29	544-9309-003	• SHIELD		1
		ATTACHING PARTS		
	MS35198-2	• SCREW, MACHINE V96906 342-0142-00		3
- 30	372-1798-00	• CONNECTOR P215		1
		ATTACHING PARTS		
	AN500B2R-2	• SCREW, MACHINE V88044 347-0102-00		2
	310-0275-00	• WASHER, LOCK V79807 310-0275-00		2
	544-7557-002	• POST, SUPPORTING		2
		- - * - -		
- 31	544-9308-003	• CHASSIS, LOCAL, OSCILLATOR, ROLLED		1

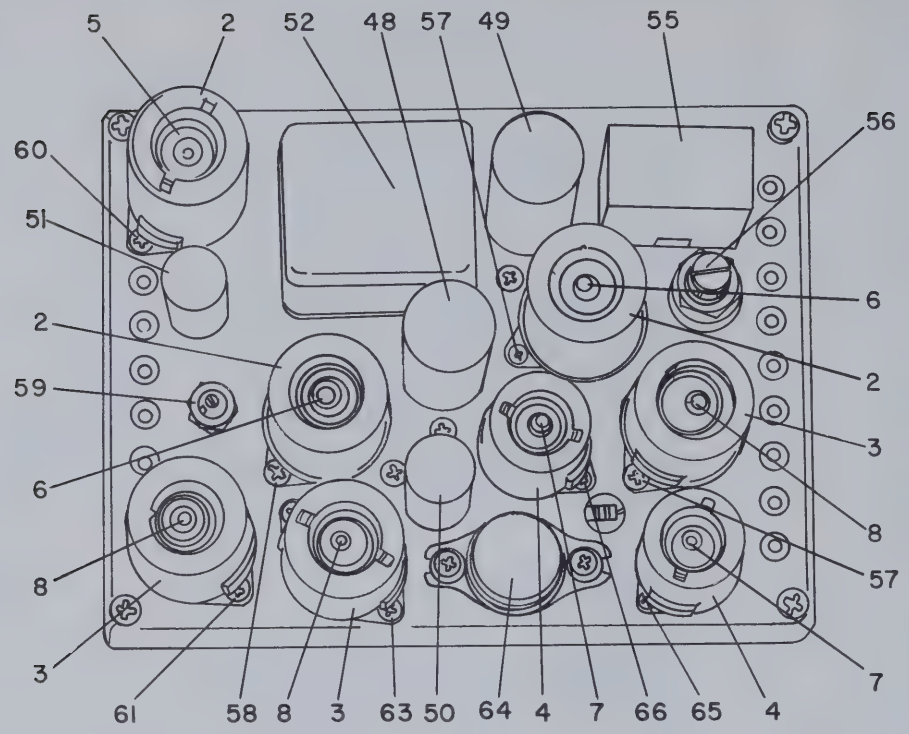


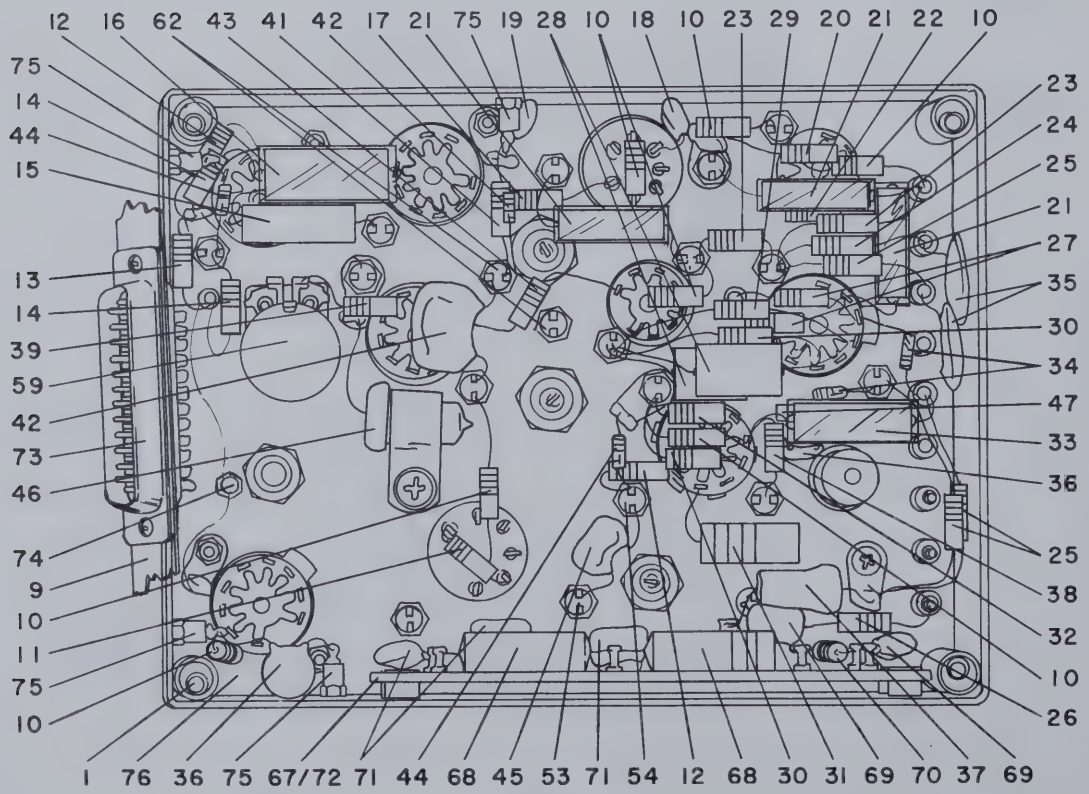
Modulator Assembly
Figure 6

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
6 -	544-4396-005	MODULATOR ASSEMBLY -SEE FIGURE 1-5 FOR NHA-		REF
- 1	544-6860-002	. COVER, RIVETED		1
- 2	542-7871-002	. . CLIP, COVER		6
		ATTACHING PARTS		
	R4008X3-32 CHROMATEDP	. . RIVET V12014 305-0169-00		12
		- - * - -		
- 3	544-6865-003	. . COVER		1
- 4	544-6845-002	. SCREW, CAPTIVE NO. 1		4
		ATTACHING PARTS		
	5133-15-MD	. RING, RETAINING V89462 340-0089-00		4
		- - * - -		
- 5	MDL-3/4	. FUSE V71400 264-0294-00 F301		1
- 6	265-1037-00	. FUSE, HOLDER XF301		1
		ATTACHING PARTS		
	MS35198-13	. SCREW, MACHINE V96906 342-0153-00		1
	AN340B4	. NUT, PLAIN, HEX V88044 313-0051-00		1
		- - * - -		
- 7	2N543	. RECTIFIER V07688 353-0266-00 CR301A, CR301B		1
		ATTACHING PARTS		
	MS35198-13	. SCREW, MACHINE V96906 342-0153-00		4
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		4
	2104-04-01 -2520	. TERMINAL, LUG V78189 304-0317-00		1
	310-0054-00	. WASHER, FLAT V79807 310-0054-00		4
	AN340B4	. NUT, PLAIN, HEX V88044 313-0051-00		4
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
6- 8	RC42GF474K	. RESISTOR, 470,000 OHMS V81349 745-5764-00 R306 THRU R309		4
- 9	1A1A12	. TERMINAL, STANDOFF V92825 306-0091-00		7
		ATTACHING PARTS		
	MS35200-11	. SCREW, MACHINE V96906 342-0043-00		7
		- - * - -		
- 10	504-7415-002	. TERMINAL, GROUND		1
		ATTACHING PARTS		
	MS35198-11	. SCREW, MACHINE V96906 342-0151-00		1
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		1
		- - * - -		
- 11	RV5LAXSB251B	. RESISTOR, VARIABLE V81349 380-6296-00		1
		ATTACHING PARTS		
	1714-05 PLAIN	. WASHER, INTERNAL SHAKE V78189 373-0090-00		1
	324-0253-00	. NUT, PLAIN, HEX		1
	NO NUMBER	. NUT, PLAIN, HEX P/O 11		1
		- - * - -		
- 12	186P22404T12	. CAPACITOR, 22 UF V56289 931-5841-00 C302		1
		ATTACHING PARTS		
	MS35214-16	. SCREW, MACHINE V96906 343-0289-00		1
	310-0076-00	. WASHER, FLAT V79807 310-0076-00		1
	AN340B4	. NUT, PLAIN, HEX V88044 313-0051-00		1
		- - * - -		
- 13	RC20GF101K	. RESISTOR, 100 OHMS V81349 745-1310-00 R301		1
- 14	RC20GF474K	. RESISTOR, 470,000 OHMS V81349 745-1464-00 R311		1
- 15	RC20GF560K	. RESISTOR, 56 OHMS V81349 745-1300-00 R305		1
- 16	CD8WA-471M	. CAPACITOR, 470 UUF V96296 913-2749-00 C303		1
- 17	RC42GF102K	. RESISTOR, 1,000 OHMS V81349 745-5652-00 R303		1
- 18	544-6859-002	. BRACKET, RESISTOR, PRESSED TB301		1
		ATTACHING PARTS		
	MS35214-16	. SCREW, MACHINE V96906 343-0289-00		2
	2104-04-01 -2520	. TERMINAL, LUG V78189 304-0317-00		1
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		2
		- - * - -		
- 19	BC1353A	. TRANSFORMER V97315 672-1031-00 T302		1
		ATTACHING PARTS		
	MS35200-12	. SCREW, MACHINE V96906 342-0044-00		4
		- - * - -		
- 20	RC20GF560K	. RESISTOR, 56 OHMS V81349 745-1300-00 R304		1
- 21	664-4800-00	. TRANSFORMER T301		1
		ATTACHING PARTS		
	MS35200-25	. SCREW, MACHINE V96906 342-0062-00		2
		- - * - -		
- 22	SPP-3	. CAP, PLATE V42498 301-1002-00		1
- 23	6293	. TUBE, ELECTRON V49671 256-0116-00 V301		1
- 24	196P33301S4	. CAPACITOR, 0.033 UF V56289 931-4482-00 C304		1
- 25	RC20GF100K	. RESISTOR, 10 OHMS V81349 745-1268-00 R312, R313		2
- 26	88-8TM	. SOCKET, TUBE V02660 220-1005-00 XV301		1
		ATTACHING PARTS		
	MS35214-11	. SCREW, MACHINE V96906 343-0284-00		2
	2104-04-01 -2520	. TERMINAL, LUG V78189 304-0317-00		2
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		2
	AN340B4	. NUT, PLAIN, HEX V88044 313-0051-00		2
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
6- 27	544-6848-002	• PLATE, TUBE, HOLDER		1
		ATTACHING PARTS		
	MS35214-16	• SCREW, MACHINE V96906 343-0289-00		4
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		4
		- - * - -		
- 28	544-6849-002	• INSERT		1
- 29	544-6850-002	• INSERT, TUBE, SHIELD		1
- 30	544-6866-003	• HOLDER, TUBE		1
		ATTACHING PARTS		
	MS35198-12	• SCREW, MACHINE V96906 342-0151-00		4
		- - * - -		
- 31	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
		ATTACHING PARTS		
	MS35198-12	• SCREW, MACHINE V96906 342-0152-00		1
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		1
	AN340B4	• NUT, PLAIN, HEX V88044 313-0051-00		1
		- - * - -		
- 32	543-2014-002	• CONNECTOR P312		1
		ATTACHING PARTS		
	542-1151-002	• NUT		1
		- - * - -		
- 33	544-6352-002	• BRACKET		1
		ATTACHING PARTS		
	MS35198-13	• SCREW, MACHINE V96906 342-0153-00		2
	544-6855-002	• BUSHING		2
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		2
	310-0054-00	• WASHER, FLAT V79807 310-0054-00		2
	AN340B4	• NUT, PLAIN, HEX V88044 313-0051-00		2
		- - * - -		
- 34	86P33403S1	• CAPACITOR, DUAL V56289 930-0537-00		1
		C301A, C301B		
		ATTACHING PARTS		
	544-6861-002	• BRACKET, CAPACITOR		2
	MS35200-12	• SCREW, MACHINE V96906 342-0044-00		4
		- - * - -		
- 35	DA-15PA101	• CONNECTOR V71468 371-0020-00 P302		1
		ATTACHING PARTS		
	MS35200-3	• SCREW, MACHINE V96906 342-0133-00		2
	68-1660-26	• NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 36	544-6868-003	• CHASSIS, PRESSED AND ROLLED		1
- 37	SKT-2-BC	• JACK, TIP V98291 360-0087-00		3
		J301 THRU J303		





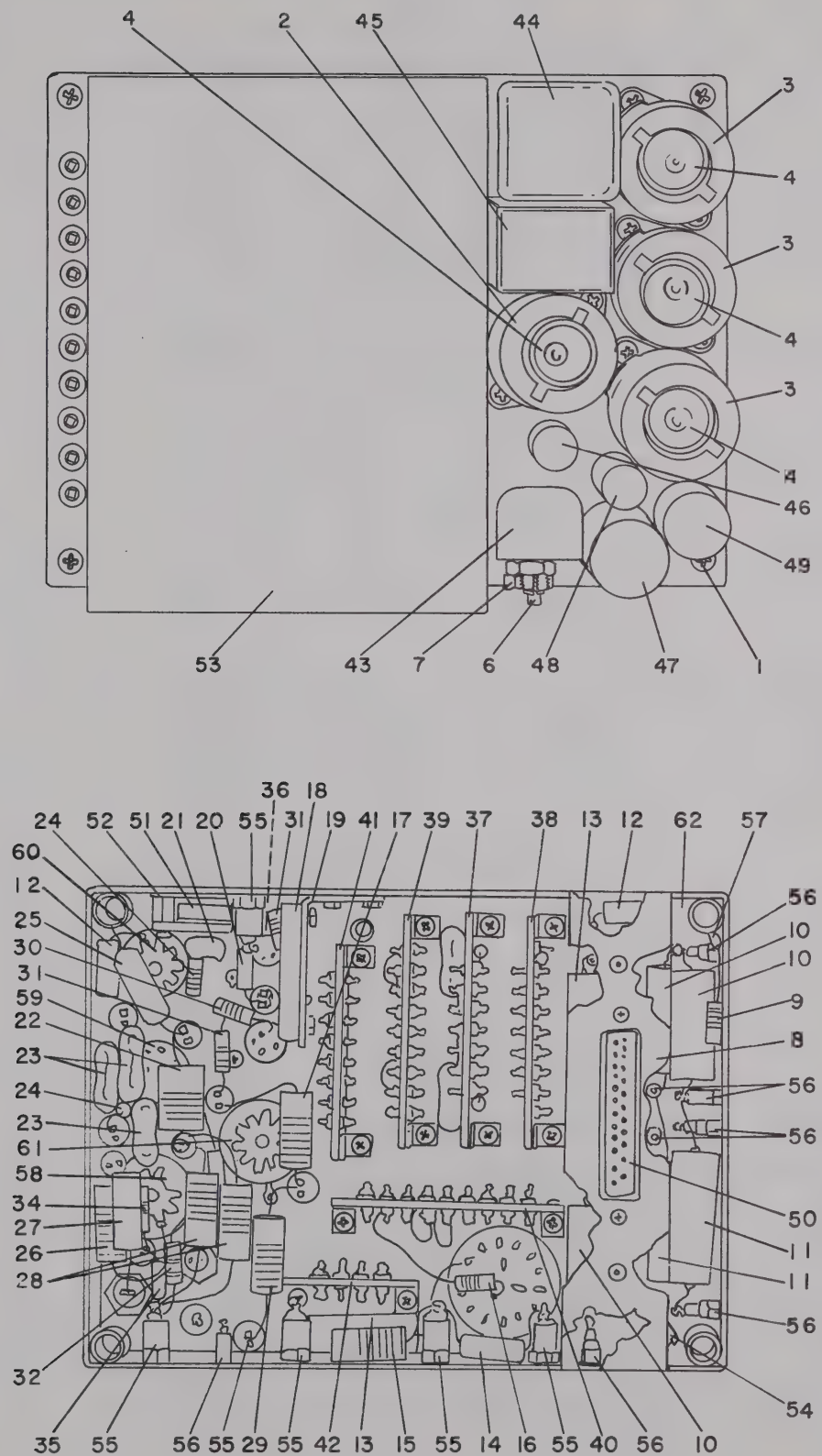
Coder Group
Figure 7

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
7 -	528-0092-005	CODER GROUP -SEE FIGURE 1-6 FOR NHA-		REF
- 1	544-8933-002	. SCREW, MODIFIED		4
		ATTACHING PARTS		
	340-0642-00	. SLEEVE, SPRING		4
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		4
		- - * - -		
- 2	541-6554-003	. SHIELD, TUBE		3
- 3	541-6553-003	. SHIELD, TUBE		3
- 4	541-6550-003	. SHIELD, TUBE		2
- 5	5687	. TUBE, ELECTROP V94154 255-0224-00 V406		1
- 6	5814A	. TUBE, ELECTRON V89185 253-0013-00		2
		V401, V405		
- 7	5725	. TUBE, ELECTRON V89185 253-0004-00		2
		V403, V408		
- 8	5670	. TUBE, ELECTRON V89185 253-0002-00		3
		V402, V404, V407		
- 9	544-7528-002	. BASE, ROLLED		1
		ATTACHING PARTS		
	MS35200-12	. SCREW, MACHINE V96906 342-0044-00		4
		- - * - -		
- 10	RC20GF222K	. RESISTOR, 2,200 OHMS V81349 745-1366-00		7
		R405, R414 THRU R416, R424, R427, R433		
- 11	RC20GF152K	. RESISTOR, 1,500 OHMS V81349 745-1359-00		1
		R417		
- 12	RC20GF472K	. RESISTOR, 4,700 OHMS V81349 745-1380-00		2
		R431, R438		
- 13	RC20GF101K	. RESISTOR, 100 OHMS V81349 745-1310-00 R429		1
- 14	RC20GF102K	. RESISTOR, 1,000 OHMS V81349 745-1352-00		2
		R430, R436		
- 15	196P10206S4	. CAPACITOR, 0.001 UF V56289 931-4560-00		1
		C417		
- 16	196P15301S4	. CAPACITOR, 0.1 UF V56289 931-4488-00 C418		1
- 17	RC20GF181K	. RESISTOR, 180 OHMS V81349 745-1321-00 R413		1
- 18	VDM15F111G01	. CAPACITOR, 110 UUF V72136 912-2818-00 C406		1
- 19	VDM15E470J01	. CAPACITOR, 47 UUF V72136 912-2792-00 C428		1
- 20	RC20GF154K	. RESISTOR, 150,000 OHMS V81349 745-1443-00		1
		R437		
- 21	196P10301S4	. CAPACITOR, 0.01 UF V56289 931-4481-00		3
		C413, C415, C416		
- 22	RC20GF121K	. RESISTOR, 120 OHMS V81349 745-1314-00 R411		1
- 23	RC20GF223K	. RESISTOR, 22,000 OHMS V81349 745-1408-00		2
		R426, R428		
- 24	RC20GF823K	. RESISTOR, 82,000 OHMS V81349 745-1433-00		1
		R412		
- 25	RC20GF563K	. RESISTOR, 56,000 OHMS V81349 745-1426-00		3
		R407, R409, R425		
- 26	RC20GF474K	. RESISTOR, 470,000 OHMS V81349 745-1464-00		1
		R401		
- 27	RC20GF393K	. RESISTOR, 39,000 OHMS V81349 745-1419-00		2
		R408, R422		
- 28	240-0604-00	. CHOKE, 400 UH L401, L402		2
- 29	RC20GF682K	. RESISTOR, 6,800 OHMS V81349 745-1387-00		1
		R410		
- 30	RC20GF103K	. RESISTOR, 10,000 OHMS V81349 745-1394-00		2
		R406, R423		
- 31	RC42GF562K	. RESISTOR, 5,600 OHMS V81349 745-5684-00		1
		R402		
- 32	RC20GF105K	. RESISTOR, 1 MEG V81349 745-1478-00 R403		1
- 33	196P474301S4	. CAPACITOR, 0.047 UF V56289 931-4486-00		1
		C404		
- 34	1N251	. DIODE V93983 353-2883-00 CR401, CR402		2
- 35	913-2751-00	. CAPACITOR, 4,700 UUF C405, C414		2
- 36	913-2752-00	. CAPACITOR, 1,000 UUF C401, C429		2
- 37	PP4B60A2	. CAPACITOR, 4 UF V21520 184-7000-00 C419		1

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
7- 38	RC20GF123K	. RESISTOR, 12,000 OHMS V81349 745-1398-00 R404		1
- 39	RC20GF104K	. RESISTOR, 100,000 OHMS V81349 745-1436-00 R435		1
- 40	DM19F472J	. CAPACITOR, 4,700 UUF V72136 912-3052-00 C427		1
- 41	RC20GF224K	. RESISTOR, 220,000 OHMS V81349 745-1450-00 R432		1
- 42	1N629	. DIODE V82577 353-2584-00 CR403		1
- 43	RC20GF184K	. RESISTOR, 180,000 OHMS V81349 745-1447-00 R439		1
- 44	1N463	. DIODE V82577 353-0203-00 CR404, CR406		2
- 45	VDM15F331G01	. CAPACITOR, 330 UUF V72136 912-2851-00		1
- 46	PP40B30A1	. CAPACITOR, 40 UF V21520 184-7133-00 C420		1
		ATTACHING PARTS		
	HP-5N	. CLAMP, NYLON V09922 150-1542-00		1
	MS35216-23	. SCREW, MACHINE V96906 343-0167-00		1
	310-0046-00	. WASHER, FLAT V79807 310-0046-00		1
	540-9448-003	. POST, SUPPORTING		1
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		1
		- - * - -		
- 47	196P10306S4	. CAPACITOR, 0.01 UF V56289 931-4572-00 C403		1
- 48	186P10504T15	. CAPACITOR, 1 UF V56289 931-4620-00 C411		1
		ATTACHING PARTS		
	334-4050-00	. NUT, PLAIN, HEX		1
	AN936A516	. WASHER, LOCK V88044 373-0080-00		1
		- - * - -		
- 49	186P47404T15	. CAPACITOR, 0.47 UF V56289 931-4614-00 C410		1
		ATTACHING PARTS		
	334-4050-00	. NUT, PLAIN, HEX		1
	AN936A516	. WASHER, LOCK V88044 373-0080-00		1
		- - * - -		
- 50	186P68401T15	. CAPACITOR, 0.68 UF V56289 931-4618-00 C408		1
		ATTACHING PARTS		
	334-4050-00	. NUT, PLAIN, HEX		1
	AN936A516	. WASHER, LOCK V88044 373-0080-00		1
		- - * - -		
- 51	186P22403S15	. CAPACITOR, 0.22 UF V56289 931-1648-00 C421		1
		ATTACHING PARTS		
	334-4050-00	. NUT, PLAIN, HEX		1
	AN936A516	. WASHER, LOCK V88044 373-0080-00		1
		- - * - -		
- 52	F301	. TRANSFORMER V98330 674-3011-00 T402		1
		ATTACHING PARTS		
	AN340C6	. NUT, PLAIN, HEX V88044 313-0045-00		2
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		2
		- - * - -		
- 53	2A36A12	. TERMINAL, STANDOFF V92825 306-0643-00		1
		ATTACHING PARTS		
	MS35200-2	. SCREW, MACHINE V96906 342-0132-00		1
		- - * - -		
- 54	2A1A12	. TERMINAL, STANDOFF V92825 306-0234-00		1
		ATTACHING PARTS		
	MS35214-11	. SCREW, MACHINE V96906 343-0284-00		1
	310-0396-00	. WASHER, LOCK V79807 310-0396-00		1
		- - * - -		
- 55	91256	. CIRCUIT, TUNED V97315 673-0387-00 Z401		1
		ATTACHING PARTS		
	MS35214-12	. SCREW, MACHINE V96906 343-0285-00		2
	310-0396-00	. WASHER, LOCK V79807 310-0396-00		1
	2104-04-01	. TERMINAL, LUG, SOLDERED V78189 304-0317-00		1
	-2520			
	AN936B4B	. WASHER, LOCK V88044 373-7010-00		1
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
7- 56	1902-0-F	• CAPACITOR, 30 UUF V91293 922-0413-00 C402		1
		ATTACHING PARTS		
	334-4120-00	• NUT, PLAIN, HEX		1
	AN936A616	• WASHER, LOCK V88044 373-0081-00		1
		- - * - -		
- 57	X7490-C90	• SOCKET, TUBE V80368 220-1293-00		2
		XV401, XV402		
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		4
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		4
	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		4
	2104-04-01-2520	• TERMINAL, LUG, SOLDERED V78189 304-0317-00		2
		- - * - -		
- 58	X7490-C90	• SOCKET, TUBE V80368 220-1293-00 XV405		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		2
	313-0156-00	• NUT, PLAIN, HEX V77250 313-0156-00		1
	2104-04-01-2520	• TERMINAL, LUG, SOLDERED V78189 304-0317-00		1
		- - * - -		
- 59	380-6283-00	• RESISTOR, 1 MEG R434		1
		ATTACHING PARTS		
	334-0253-00	• NUT, PLAIN, HEX		1
	AN936A616	• WASHER, LOCK V88044 373-0085-00		1
		- - * - -		
- 60	X7490-C90	• SOCKET, TUBE V80368 220-1293-00 XV406		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	2104-04-01-2520	• TERMINAL, LUG, SOLDERED V78189 304-0317-00		1
	313-0156-00	• NUT, PLAIN, HEX V77250 313-0156-00		2
		- - * - -		
- 61	X7490-C90	• SOCKET, TUBE V80368 220-1293-00 XV407		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		1
	MS35214-11	• SCREW, MACHINE V96906 343-0284-00		1
	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		1
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	2104-04-01-2520	• TERMINAL, LUG, SOLDERED V78189 304-0317-00		1
	313-0156-00	• NUT, PLAIN, HGX V77250 313-0156-00		1
		- - * - -		
- 62	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		2
		ATTACHING PARTS		
	MS35214-11	• SCREW, MACHINE V96906 343-0284-00		2
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
		- - * - -		
- 63	X7470-G91	• SOCKET, TUBE V80368 220-1291-00 XV404		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		1
	2104-04-01-2520	• TERMINAL, LUG, SOLDERED V78189 304-0317-00		1
	313-0156-00	• NUT, PLAIN, HEX V77250 313-0156-00		1
		- - * - -		
- 64	CA82	• TRANSFORMER V98330 674-3012-00 T401		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		2
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	310-0054-00	• WASHER, FLAT V79807 310-0054-00		2
	2104-04-01-2520	• TERMINAL, LUG, SOLDERED V78189 304-0317-00		1
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
7- 65	X7470-G91	• SOCKET, TUBE V80368 220-1291-00 XV403		1
		ATTACHING PARTS		
	MS35214-3	• SCREW, MACHINE V96906 343-0299-00		2
	310-0074-00	• WASHER, LOCK V79807 310-0074-00		2
	2A36A12	• TERMINAL, STANDOFF V92825 306-0643-00		1
	304-0331-00	• TERMINAL, LUG, SOLDERED		1
	68-1660-26	• NUT, SELF LOCKING, HEX V72962 333-0604-00		1
		- - * - -		
- 66	X7470-G91	• SOCKET, TUBE V80368 220-1291-00 XV408		1
		ATTACHING PARTS		
	MS35214-3	• SCREW, MACHINE V96906 343-0299-00		2
	310-0074-00	• WASHER, LOCK V79807 310-0074-00		2
	2A36A12	• TERMINAL, STANDOFF V92825 306-0643-00		2
	304-0331-00	• TERMINAL, LUG, SOLDERED		1
		- - * - -		
- 67	544-7531-002	• BOARD, SOLDERED TB401		1
		ATTACHING PARTS		
	MS35200-33	• SCREW, MACHINE V96906 342-0034-00		4
		- - * - -		
- 68	10402-42	• • CHOKE, 10 UH V82142 240-0182-00		4
		L403 THRU L406		
- 69	VDM15F161G01	• • CAPACITOR, 160 UUF V72136 912-2830-00		2
		C422, C426		
- 70	RC20GF391K	• • RESISTOR, 390 OHMS V81349 745-1335-00		1
		R418		
- 71	VDM15F331G01	• • CAPACITOR, 330 UUF V72136 912-2851-00		3
		C423 THRU C425		
- 72	544-7529-002	• • BOARD, ROLLED		1
- 73	DB-25PA101	• CONNECTOR V71468 371-0031-00 P401		1
		ATTACHING PARTS		
	MS35200-3	• SCREW, MACHINE V96906 342-0133-00		2
	68-1660-26	• NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 74	G4777-10	• TERMINAL, STANDOFF U.S. TERMINAL		1
		306-1018-00		
		ATTACHING PARTS		
	MS35216-1	• SCREW, MACHINE V96906 343-0122-00		1
	310-0074-00	• WASHER, LOCK V79807 310-0074-00		1
		- - * - -		
- 75	G4777-10	• TERMINAL, STANDOFF U.S. TERMINAL		4
		306-1018-00		
		ATTACHING PARTS		
	MS35200-1	• SCREW, MACHINE V96906 342-0131-00		4
		- - * - -		
- 76	547-2109-002	• CHASSIS, PRESSED		1



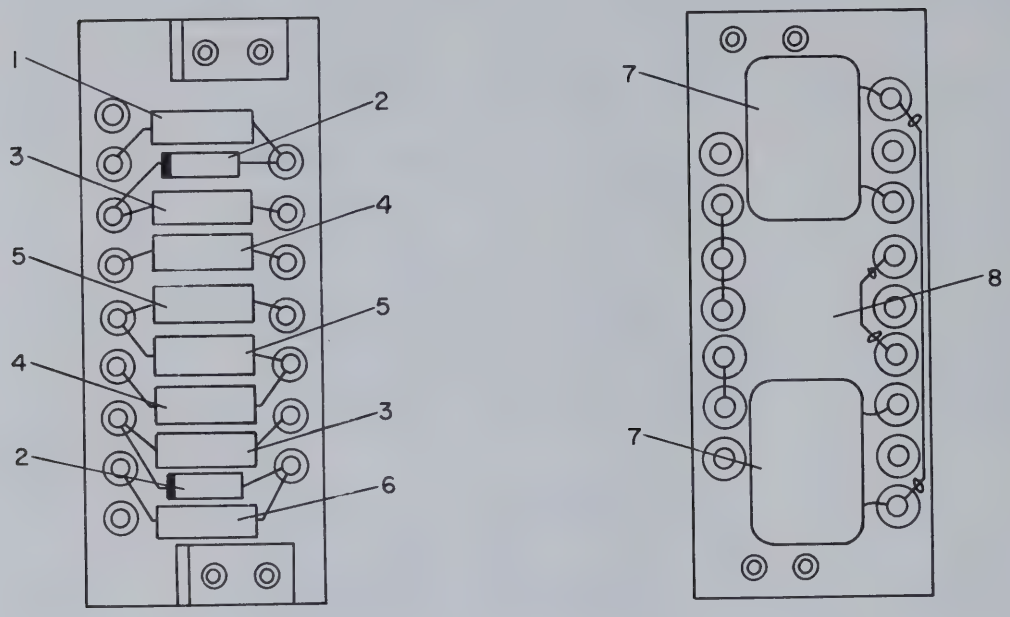
Decoder Group
Figure 8

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
8 -	528-0068-00	DECODER GROUP -SEE FIGURE 1-7 FOR NHA-		REF
- 1	544-8933-002	• SCREW, MODIFIED		4
		ATTACHING PARTS		
	340-0642-00	• SLEEVE, SPRING		4
	310-0072-00	• WASHER, LOCK V79807 310-0072-00		4
		- - * - -		
- 2	541-6553-003	• SHIELD, ELECTRON, TUBE		1
- 3	541-6554-003	• SHIELD, ELECTRON, TUBE		3
- 4	5670	• TUBE, ELECTRON V89185 253-0002-00		3
		V601, V602, V603		
- 5	5687	• TUBE, ELECTRON V94154 255-0224-00 V604		1
- 6	RV5LAXSB502B	• RESISTOR, VARIABLE, 5,000 OHMS V81349		1
		380-6298-00 R628		
		ATTACHING PARTS		
	AN936A416	• WASHER, LOCK V88044 373-0005-00		1
	502-1157-002	• NUT, PLAIN, HEX		1
		- - * - -		
- 7	RV5LAXSB104B	• RESISTOR, VARIABLE, 100,000 OHMS V81349		1
		380-6300-00 R644		
		ATTACHING PARTS		
	AN936A416	• WASHER, LOCK V88044 373-0005-00		1
	502-1157-002	• NUT, PLAIN, HEX		1
		- - * - -		
- 8	547-2127-002	• PLATE, CONNECTOR, ROLLED		1
		ATTACHING PARTS		
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		4
		- - * - -		
- 9	RC20GF101K	• RESISTOR, 100 OHMS V81349 745-1310-00 R667		1
- 10	196P10401S4	• CAPACITOR, 1 UF V56289 931-4488-00		3
		C604, C623, C670		
- 11	196P47304S4	• CAPACITOR, 0.047 UF V56289 931-4548-00		2
		C684, C685		
- 12	109D505C2050 C2	• CAPACITOR, 5 UF V56289 184-7792-00		2
		C601, C671		
- 13	196P10306S4	• CAPACITOR, 0.01 UF V56289 931-4572-00		2
		C619, C683		
- 14	RN65R1472F	• RESISTOR, 14,700 OHMS V81349 705-7152-00		1
		R676		
- 15	RC42GF473J	• RESISTOR, 47,000 OHMS V81349 745-5721-00		1
		R693		
- 16	RC20GF222K	• RESISTOR, 2,200 OHMS V81349 745-1366-00		2
		R636, R672		
- 17	RC42GF103J	• RESISTOR, 10,000 OHMS V81349 745-5693-00		1
		R689		
- 18	224L-1-103	• RESISTOR, VARIABLE, 10,000 OHMS V80294		1
		381-1288-00 R668		
		ATTACHING PARTS		
	MS35216-5	• SCREW, MACHINE V96906 343-0126-00		2
	68-1660-26	• NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 19	547-2128-002	• HOLDER, RESISTOR		1
		ATTACHING PARTS		
	MS35200-3	• SCREW, MACHINE V96906 342-0133-00		2
	68-1660-26	• NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 20	RN60B1002F	• RESISTOR, 10,000 OHMS V81349 705-6644-00		1
		R669		
- 21	VDM15F101J01	• CAPACITOR, 100 UUF V72136 912-2816-00 C682		1
- 22	DM0312	• CHOKE, RF, 5 MH V99800 240-0312-00 L601		1
- 23	DM19F472J	• CAPACITOR, 4,700 UUF V72136 912-3052-00		3
		C602, C603, C624		
- 24	RC20GF473K	• RESISTOR, 47,000 OHMS V81349 745-1422-00		2
		R658, R673		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
8- 25	RN70B8252F	• RESISTOR, 82,500 OHMS V81349 705-7688-00 R765		1
- 26	RC42GF151K	• RESISTOR, 150 OHMS V81349 745-5617-00 R661		1
- 27	RN70B1003F	• RESISTOR, 100,000 OHMS V81349 705-7692-00 R653		1
- 28	RC42GF473K	• RESISTOR, 47,000 OHMS V81349 745-5722-00 R601, R602		2
- 29	RC42GF123J	• RESISTOR, 12,000 OHMS V81349 745-5697-00 R688		1
- 30	RC20GF181K	• RESISTOR, 180 OHMS V81349 745-1321-00 R659		1
- 31	RC20GF102K	• RESISTOR, 1,000 OHMS V81349 745-1352-00 R660, R671		2
- 32	RC20GF332K	• RESISTOR, 3,300 OHMS V81349 745-1373-00 R663		1
- 33	RC20GF103K	• RESISTOR, 10,000 OHMS V81349 745-1394-00 R664, R670		2
- 34	RC20GF104K	• RESISTOR, 100,000 OHMS V81349 745-1436-00 R606		1
- 35	RN60B5112F	• RESISTOR, 51,100 OHMS V81349 705-6678-00 R654		1
- 36	1N629	• DIODE V82577 353-2584-00 CR605		1
- 37	547-2140-003	• DECODER SUBASSEMBLY -SEE FIGURE 9- TB601		1
		ATTACHING PARTS		
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		2
	AN500C4-4	• SCREW, MACHINE V88044 347-0006-00		2
	540-9037-003	• POST, HEX		2
		- - * - -		
- 38	547-2141-003	• DECODER SUBASSEMBLY -SEE FIGURE 10- TB602		1
		ATTACHING PARTS		
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		2
	AN500C4-4	• SCREW, MACHINE V88044 347-0006-00		2
	540-9037-003	• POST, HEX		2
		- - * - -		
- 39	547-2142-003	• DECODER SUBASSEMBLY -SEE FIGURE 11- TB603		1
		ATTACHING PARTS		
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		2
	AN500C4-4	• SCREW, MACHINE V88044 347-0006-00		2
	540-9037-003	• POST, HEX		2
		- - * - -		
- 40	547-2143-003	• DECODER SUBASSEMBLY -SEE FIGURE 12- TB604		1
		ATTACHING PARTS		
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		2
	AN500C4-4	• SCREW, MACHINE V88044 347-0006-00		2
	540-9037-003	• POST, HEX		2
		- - * - -		
- 41	544-8966-003	• DECODER SUBASSEMBLY -SEE FIGURE 13- TB605		1
		ATTACHING PARTS		
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		2
	AN500C4-4	• SCREW, MACHINE V88044 347-0006-00		2
	540-9037-003	• POST, HEX		2
		- - * - -		
- 42	547-2112-002	• DECODER SUBASSEMBLY -SEE FIGURE 14- TB606		1
		ATTACHING PARTS		
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		2
	AN500C4-4	• SCREW, MACHINE V88044 347-0006-00		2
	540-9037-003	• POST, HEX		2
		- - * - -		

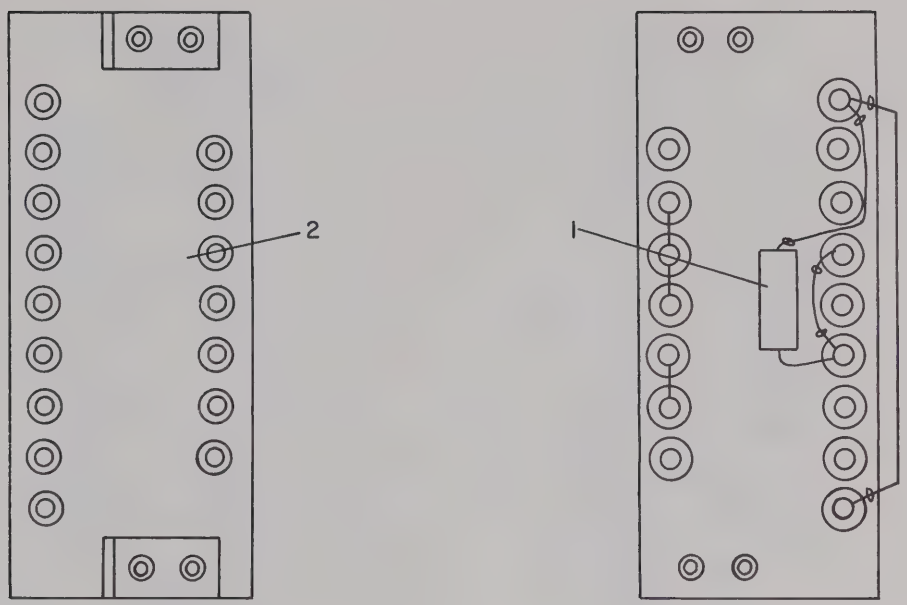
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
8- 43	544-8923-002	• BRACKET		1
		ATTACHING PARTS		
	MS35216-13	• SCREW, MACHINE V96906 343-0134-00		2
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
	313-0132-00	• NUT, PLAIN, HEX V77250 313-0132-00		1
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
	1A1A12	• TERMINAL, STUD V92825 306-0091-00		1
		- - * - -		
- 44	799-0030-00	• DELAY, LINE DL601		1
		ATTACHING PARTS		
	313-0132-00	• NUT, PLAIN, HEX V77250 313-0132-00		2
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
		- - * - -		
- 45	BC-2455	• TRANSFORMER V97315 664-8000-00 T602		1
		ATTACHING PARTS		
	MS35216-11	• SCREW, MACHINE V96906 343-0132-00		2
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
	310-0278-00	• WASHER, LOCK V79807 310-0278-00		2
		- - * - -		
- 46	186P47301T15	• CAPACITOR, 0.047 UF V56289 931-4601-00 C618		1
		ATTACHING PARTS		
	310-0289-00	• WASHER, LOCK V79807 310-0289-00		1
	313-0086-00	• NUT, PLAIN, HEX V77250 313-0086-00		1
		- - * - -		
- 47	186P68402T15	• CAPACITOR, 0.68 UF V56289 931-4615-00 C625		1
		ATTACHING PARTS		
	310-0289-00	• WASHER, LOCK V79807 310-0289-00		1
	313-0086-00	• NUT, PLAIN, HEX V77250 313-0086-00		1
		- - * - -		
- 48	186P15402T15	• CAPACITOR, 0.15 UF V56289 931-4619-00 C617		1
		ATTACHING PARTS		
	310-0289-00	• WASHER, LOCK V79807 310-0289-00		1
	313-0086-00	• NUT, PLAIN, HEX V77250 313-0086-00		1
		- - * - -		
- 49	186P47401T15	• CAPACITOR, 0.47 UF V56289 931-4608-00 C622		1
		ATTACHING PARTS		
	310-0289-00	• WASHER, LOCK V79807 310-0289-00		1
	313-0086-00	• NUT, PLAIN, HEX V77250 313-0086-00		1
		- - * - -		
- 50	DB-25P-C7	• CONNECTOR V91146 371-0170-00 P606		1
		ATTACHING PARTS		
	MS35200-3	• SCREW, MACHINE V96906 342-0133-00		2
	68-1660-26	• NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 51	917-1075-00	• CAPACITOR, VARIABLE, 8-50 UUF C686		1
		ATTACHING PARTS		
	MS35216-2	• SCREW, MACHINE V96906 343-0123-00		2
	310-6320-00	• WASHER, FLAT V79807 310-6320-00		2
	540-9002-003	• POST, HEX		2
	MS35200-2	• SCREW, MACHINE V96906 342-0132-00		2
		- - * - -		
- 52	547-2126-002	• INSULATOR, CAPACITOR		1
- 53	ESC51-80C	• DELAY, LINE V00222 799-0068-00 DL602		1
		ATTACHING PARTS		
	AN340C8	• NUT, PLAIN, HEX V88044 313-0046-00		4
	310-0072-00	• WASHER, LOCK V79807 310-0072-00		4
- 54	2104-08-02 -2520	• TERMINAL, LUG V78189 304-0319-00		1
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
8- 55	1A1A12	• TERMINAL, STUD V92825 306-0091-00		7
		ATTACHING PARTS		
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		7
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
		- - * - -		
- 56	G4777-10	• TERMINAL, STUD U.S. TERMINAL 306-1018-00		13
		ATTACHING PARTS		
	MS35200-2	• SCREW, MACHINE V96906 342-0132-00		13
- 57	304-0331-00	• TERMINAL, LUG		1
		- - * - -		
- 58	X7490-C90	• SOCKET, ELECTRON, TUBE V80368 .220-1293-00		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	313-0156-00	• NUT, PLAIN, HEX V77250 313-0156-00		1
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	1A1A12	• TERMINAL, STUD V92825 306-0091-00		1
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
		- - * - -		
- 59	X7490-C90	• SOCKET, ELECTRON, TUBE V80368 220-1293-00		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	1A1A12	• TERMINAL, STUD V92825 306-0091-00		2
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
		- - * - -		
- 60	X7490-C90	• SOCKET, ELECTRON TUBE V80368 220-1293-00		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	313-0156-00	• NUT, PLAIN, HEX V79807 313-0156-00		1
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	1A1A12	• TERMINAL, STUD V92825 306-0091-00		1
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		2
		- - * - -		
- 61	X7490-C90	• SOCKET, ELECTRON, TUBE V80368 220-1293-00		1
		ATTACHING PARTS		
	MS35214-12	• SCREW, MACHINE V96906 343-0285-00		2
	310-0396-00	• WASHER, LOCK V79807 310-0396-00		2
	1A1A12	• TERMINAL, STUD V92825 306-0091-00		2
	2104-04-01 -2520	• TERMINAL, STUD V78189 304-0317-00		1
		- - * - -		
- 62	547-2147-004	• CHASSIS, DECODER, ROLLED		1



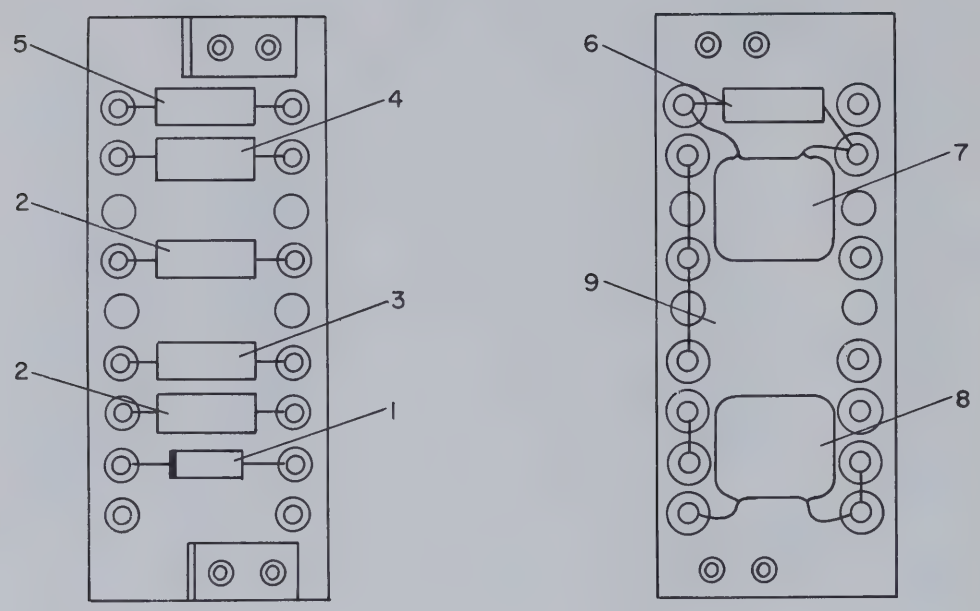
Decoder Subassembly, TB601
Figure 9

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
9 -	547-2140-003	DECODER SUBASSEMBLY TB601 -SEE FIGURE 8-37 FOR NHA-		REF
- 1	RN60B1781F	• RESISTOR, 1,780 OHMS V81349 705-6608-00 R624		1
- 2	1N629	• DIODE V82577 353-2584-00 CR601, CR602		2
- 3	RC20GF104K	• RESISTOR, 100,000 OHMS V81349 745-1436-00 R621, R625		2
- 4	RC20GF564K	• RESISTOR, 560,000 OHMS V81349 745-1468-00 R622, R626		2
- 5	RC20GF224K	• RESISTOR, 220,000 OHMS V81349 745-1450-00 R623, R627		2
- 6	RN60B3481F	• RESISTOR, 3,480 OHMS V81349 705-6622-00 R620		1
- 7	DM19F472J	• CAPACITOR, 4,700 UUF V72136 912-3052-00 C630, C631		2
- 8	547-2135-003	• TERMINAL BOARD		1



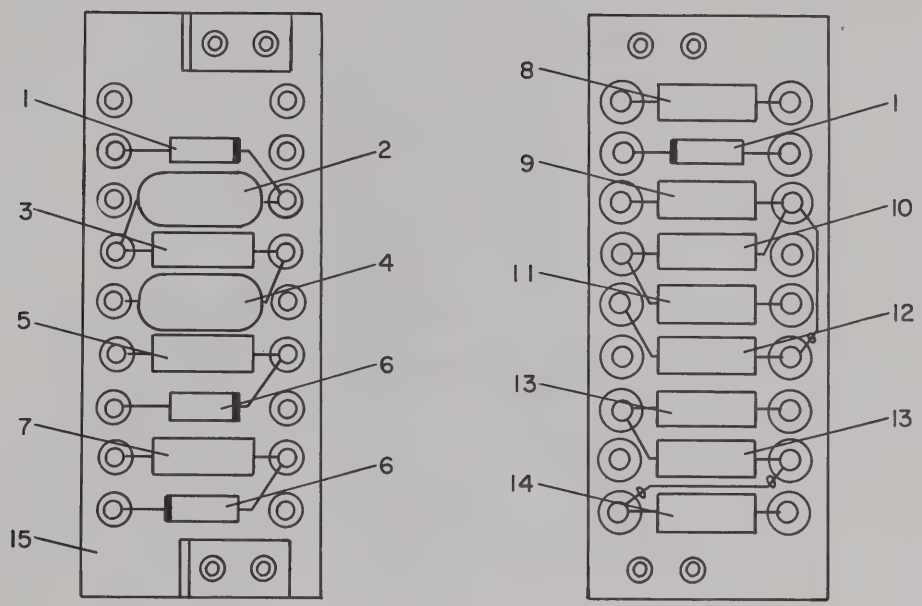
Decoder Subassembly, TB602
Figure 10

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
10 -	547-2141-003	DECODER SUBASSEMBLY TB602 -SEE FIGURE 8-38 FOR NHA- FOR OPTIONAL COMPONENT LOCATION SEE FIGURE 20		REF
- 1	RC20GF223K	• RESISTOR, 22,000 OHMS V81349 745-1408-00 R637		1
- 2	547-2137-003	• TERMINAL BOARD		1



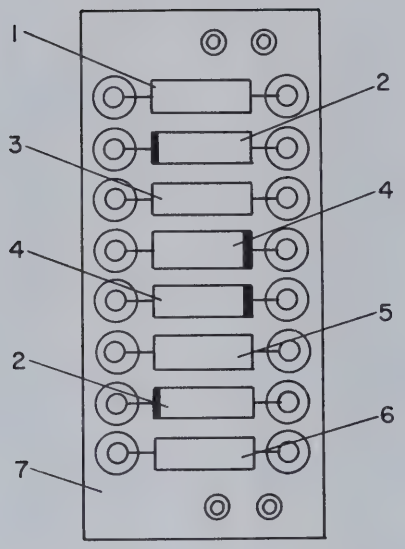
Decoder Subassembly, TB603
Figure 11

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
11 -	547-2142-003	DECODER SUBASSEMBLY TB603 -SEE FIGURE 8-39 FOR NHA-		REF
- 1	1N928	• DIODE V01281 353-2972-00 CR606		1
- 2	RC20GF103K	• RESISTOR, 10,000 OHMS V81349 745-1394-00 R607, R638		2
- 3	RC20GF393K	• RESISTOR, 39,000 OHMS V81349 745-1419-00 R674		1
- 4	RC20GF681K	• RESISTOR, 680 OHMS V81349 745-1345-00 R605		1
- 5	RC20GF223K	• RESISTOR, 22,000 OHMS V81349 745-1408-00 R603		1
- 6	RC20GF561K	• RESISTOR, 560 OHMS V81349 745-1342-00 R604		1
- 7	DM15F471J01	• CAPACITOR, 470 UUF V72136 912-2864-00 C605		1
- 8	VDM15F221J01	• CAPACITOR, 220 UUF V72136 912-2840-00 C672		1
- 9	547-2131-003	• TERMINAL BOARD		1



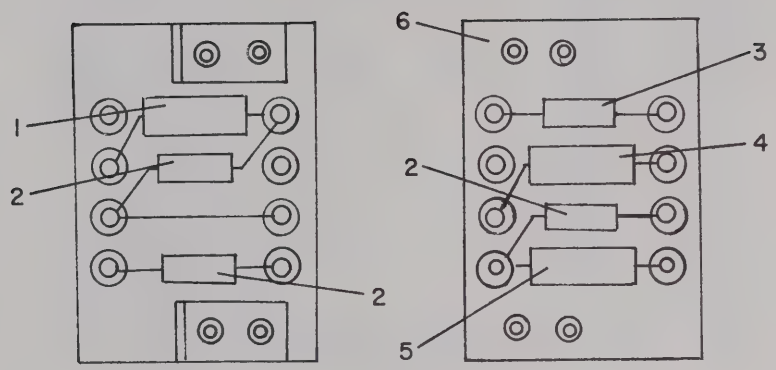
Decoder Subassembly, TB604
Figure 12

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
12 -	547-2143-003	DECODER SUBASSEMBLY TB604 -SEE FIGURE 8-40 FOR NHA-		REF
- 1	1N928	. DIODE V01281 353-2972-00 CR607, CR608		2
- 2	DM15F471J01	. CAPACITOR, 470 UUF V72136 912-2864-00 C680		1
- 3	RC20GF104K	. RESISTOR, 100,000 OHMS V81349 745-1436-00 R683		1
- 4	VDM15E200J01	. CAPACITOR, 20 UUF V72136 912-2765-00 C681		1
- 5	RC20GF472J	. RESISTOR, 4,700 OHMS V81349 745-1379-00 R694		1
- 6	1N629	. DIODE V82577 353-2584-00 CR609, CR610		2
- 7	RC20GF183J	. RESISTOR, 18,000 OHMS V81349 745-1404-00 R687		1
- 8	RC20GF223K	. RESISTOR, 22,000 OHMS V81349 745-1408-00 R680		1
- 9	RC20GF474K	. RESISTOR, 470,000 OHMS V81349 745-1464-00 R682		1
- 10	RC20GF682J	. RESISTOR, 6,800 OHMS V81349 745-1386-00 R684		1
- 11	RC20GF104J	. RESISTOR, 100,000 OHMS V81349 745-1435-00 R686		1
- 12	RC20GF332J	. RESISTOR, 3,300 OHMS V81349 745-1372-00 R685		1
- 13	RN65B1004F	. RESISTOR, 1 MEG V81349 705-7240-00 R690, R691		2
- 14	RC20GF562J	. RESISTOR, 5,600 OHMS V81349 745-1383-00 R692		1
- 15	547-2139-003	. TERMINAL BOARD		1



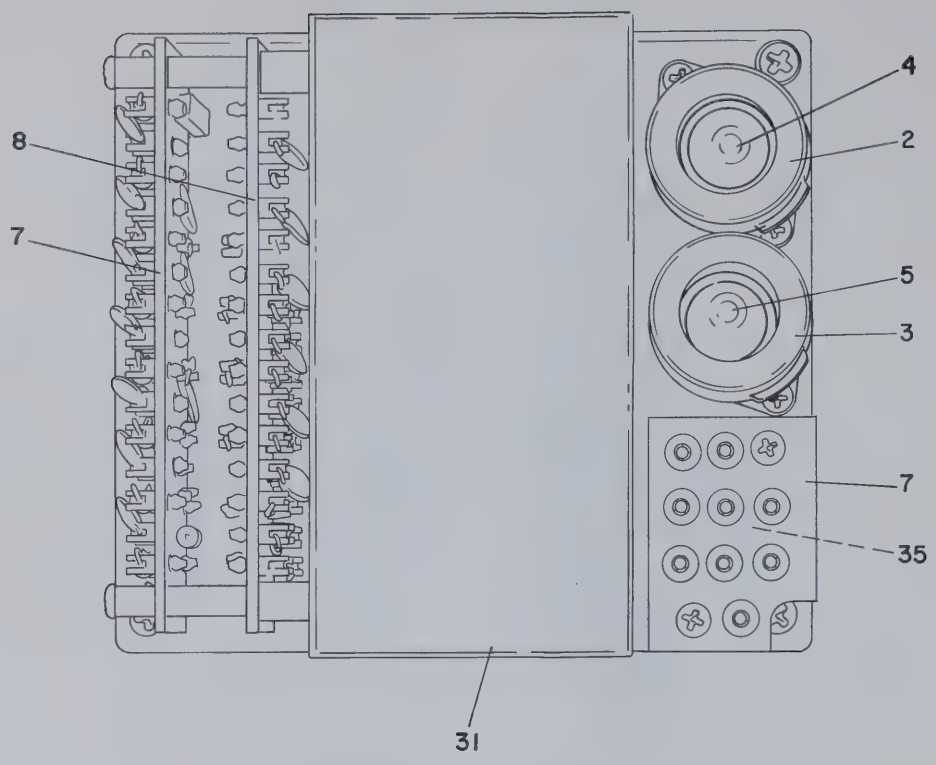
Decoder Subassembly, TB605
Figure 13

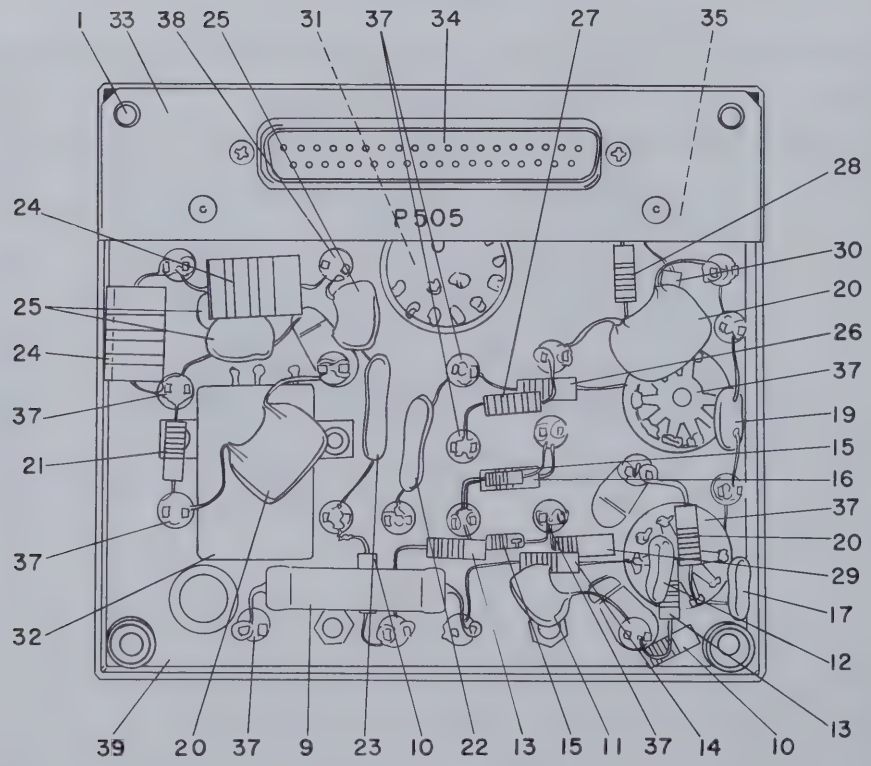
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
13 -	544-8966-003	DECODER SUBASSEMBLY TB605 -SEE FIGURE 8-41 FOR NHA-		REF
- 1	RC20GF103K	• RESISTOR, 10,000 OHMS V81349 745-1394-00 R649		1
- 2	1N629	• DIODE V82577 353-2584-00 CR618, CR621		2
- 3	RC20GF224K	• RESISTOR, 220,000 OHMS V81349 745-1450-00 R648		1
- 4	1N458	• DIODE V73293 353-0205-00 CR619, CR620		2
- 5	RC20GF225K	• RESISTOR, 2.2 MEG V81349 745-1492-00 R647		1
- 6	RC20GF473K	• RESISTOR, 47,000 OHMS V81349 745-1422-00 R646		1
- 7	544-8965-003	• BOARD, NO. 5, STAKED		1



Decoder Subassembly, TB606
Figure 14

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
14 -	547-2112-002	DECODER SUBASSEMBLY TB606 -SEE FIGURE 8-42 FOR NHA-		REF
- 1	RC20GF223K	• RESISTOR, 22,000 OHMS V81349 745-1408-00 R662		1
- 2	1N629	• DIODE V82577 353-2584-00 CR611, CR612, CR622		3
- 3	1N463	• DIODE V73293 353-0203-00 CR623		1
- 4	RC20GF822K	• RESISTOR, 8,200 OHMS V81349 745-1391-00 R652		1
- 5	RC20GF104K	• RESISTOR, 100,000 OHMS V81349 745-1436-00 R695		1
- 6	547-2133-003	• TERMINAL BOARD, NO. 6		1

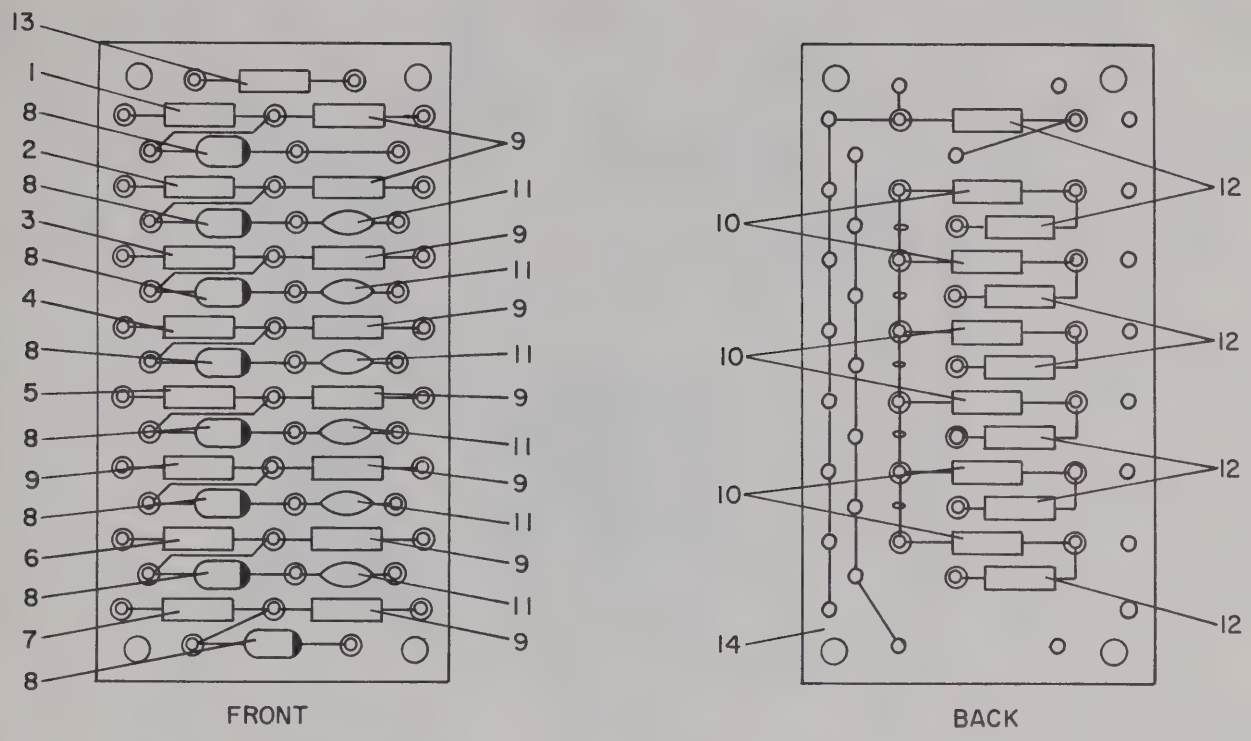




Encoder Gate Assembly
Figure 15

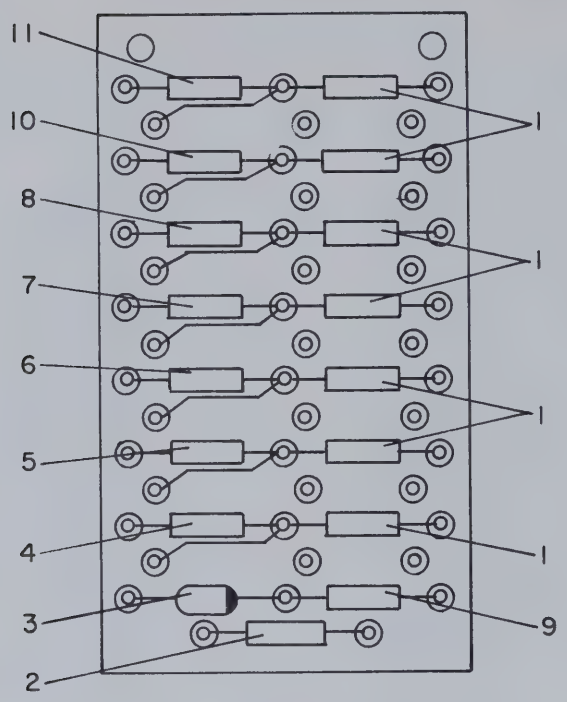
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
15 -	544-6838-00	ENCODER GATE ASSEMBLY -SEE FIGURE 1-8 FOR NHA-		REF
- 1	544-8933-002	. SCREW, MODIFIED		4
		ATTACHING PARTS		
	310-0072-00	. WASHER, LOCK V79807 310-0072-00		4
	340-0642-00	. SLEEVE, SPRING		4
		- - * - -		
- 2	541-6553-003	. SHIELD, TUBE		1
- 3	541-6554-003	. SHIELD, TUBE		1
- 4	5670	. TUBE, ELECTRON V89185 253-0002-00 V501		1
- 5	58184A	. TUBE, ELECTRON V89185 253-0013-00 V502		1
- 6	544-7619-002	. BRACKET, PRESSED		1
		ATTACHING PARTS		
	MS35214-12	. SCREW, MACHINE V96906 343-0285-00		2
	310-0279-00	. WASHER, LOCK V79807 310-0279-00		2
		- - * - -		
- 7	544-7636-004	. BOARD, NO. 1 TB501 -SEE FIGURE 16-		1
- 8	544-7640-004	. BOARD, NO. 2, TB502 -SEE FIGURE 17-		1
		ATTACHING PARTS		
		FOR 7 AND 8		
	MS35216-18	. SCREW, MACHINE V96906 343-0139-00		2
	541-5979-002	. SLEEVE, SPACING		2
	541-5987-002	. SLEEVE, SPACING		4
	343-0016-00	. SCREW, MACHINE		2
		- - * - -		
- 9	746-9185-00	. RESISTOR, 22,000 OHMS R502		1
- 10	RC20GF332K	. RESISTOR, 3,300 OHMS V81349 745-1373-00		2
		R503, R506		
- 11	VDM15F820G01	. CAPACITOR, 82 UUF V72136 912-2809-00 C504		1
- 12	VDM15E200J01	. CAPACITOR, 20 UUF V72136 912-2765-00 C502		1
- 13	RC20GF104K	. RESISTOR, 100,000 OHMS V81349 745-1436-00		2
		R504, R508		
- 14	RC20GF103K	. RESISTOR, 10,000 OHMS V81349 745-1394-00		1
		R501		
- 15	1N629	. DIODE V82577 353-2584-00 CR501, CR502		2
- 16	RC20GF333K	. RESISTOR, 33,000 OHMS V81349 745-1415-00		1
		R510		
- 17	VDM15F151G01	. CAPACITOR, 150 UUF V72136 912-2827-00 C501		1
- 18	RC20GF225K	. RESISTOR, 2.2 MEG V81349 745-1492-00 R507		1
- 19	VDM15F101J01	. CAPACITOR, 100 UUF V72136 912-2816-00 C522		1
- 20	DM19F472J	. CAPACITOR, 4,700 UUF V72136 912-3052-00		2
		C519, C524		
- 21	RC20GF182K	. RESISTOR, 1,800 OHMS V81349 745-1363-00		1
		R573		
- 22	VDM19F102G	. CAPACITOR, 1,000 UUF V72136 912-3000-00		1
		C523		
- 23	VDM19F242G	. CAPACITOR, 2,400 UUF V72136 912-3027-00		1
		C505		
- 24	BS-123	. CHOKE, RF, 2 MH V99800 240-0084-00		2
		L501, L502		
- 25	DM15F4511G01	. CAPACITOR, 510 UUF V72136 912-2866-00		3
		C520, C521, C525		
- 26	RC20GF272K	. RESISTOR, 2,700 OHMS V81349 745-1370-00		1
		R575		
- 27	RC20GF392K	. RESISTOR, 3,900 OHMS V81349 745-1377-00		1
		R574		
- 28	NO NUMBER	. NOT USED		
- 29	RC20GF682K	. RESISTOR, 6,800 OHMS V81349 745-1387-00		1
		R505		
- 30	RC20GF221K	. RESISTOR, 220 OHMS V81349 745-1324-00 R509		1
- 31	799-0041-00	. DELAY, LINE DL501		1
		ATTACHING PARTS		
	AN340C6	. NUT, PLAIN, HEX V88044 313-0045-00		4
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		4
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
15- 32	3S2791G211F -13	• RELAY V24446 974-0564-00 K501		1
		ATTACHING PARTS		
	313-0132-00	• NUT, PLAIN, HEX V77250 313-0132-00		2
	310-0279-00	• WASHER, LOCK V79807 310-0279-00		2
	MS35200-12	• SCREW, MACHINE V96906 342-0044-00		2
		- - * - -		
- 33	544-7623-002	• BASE, ROLLED		1
		ATTACHING PARTS		
	MS35200-12	• SCREW, MACHINE V96906 342-0044-00		4
		- - * - -		
- 34	DA-37PA101	• CONNECTOR V71468 371-0029-00 P505		1
		ATTACHING PARTS		
	MS35200-3	• SCREW, MACHINE V96906 342-0133-00		2
	68-1660-26	• NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 35	T-653	• TRANSFORMER, PULSE V98330 664-8001-00 T501		1
		ATTACHING PARTS		
	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		1
	312-0007-00	• STUD, CONTINUOUS THREAD		1
	MS35200-12	• SCREW, MACHINE V96906 342-0044-00		1
	310-0279-00	• WASHER, LOCK V79807 310-0279-00		1
	310-0045-00	• WASHER, FLAT V79807 310-0045-00		2
	540-9065-003	• POST, SUPPORTING		2
		- - * - -		
- 36	X7490-C90	• SOCKET, TUBE V80368 220-1293-00 XV501, XV502		2
		ATTACHING PARTS		
	MS35216-12	• SCREW, MACHINE V96906 343-0133-00		4
	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		4
	2104-04-01-2520	• TERMINAL, LUG V78189 304-0317-00		2
	310-0279-00	• WASHER, LOCK V79807 310-0279-00		2
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		2
		- - * - -		
- 37	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		15
		ATTACHING PARTS		
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		15
		- - * - -		
- 38	2A1A12	• TERMINAL, STANDOFF V92825 306-0234-00		1
		ATTACHING PARTS		
	MS35200-10	• SCREW, MACHING V96906 342-0042-00		1
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
		- - * - -		
- 39	544-7633-004	• CHASSIS, NO. 2, ROLLED		1



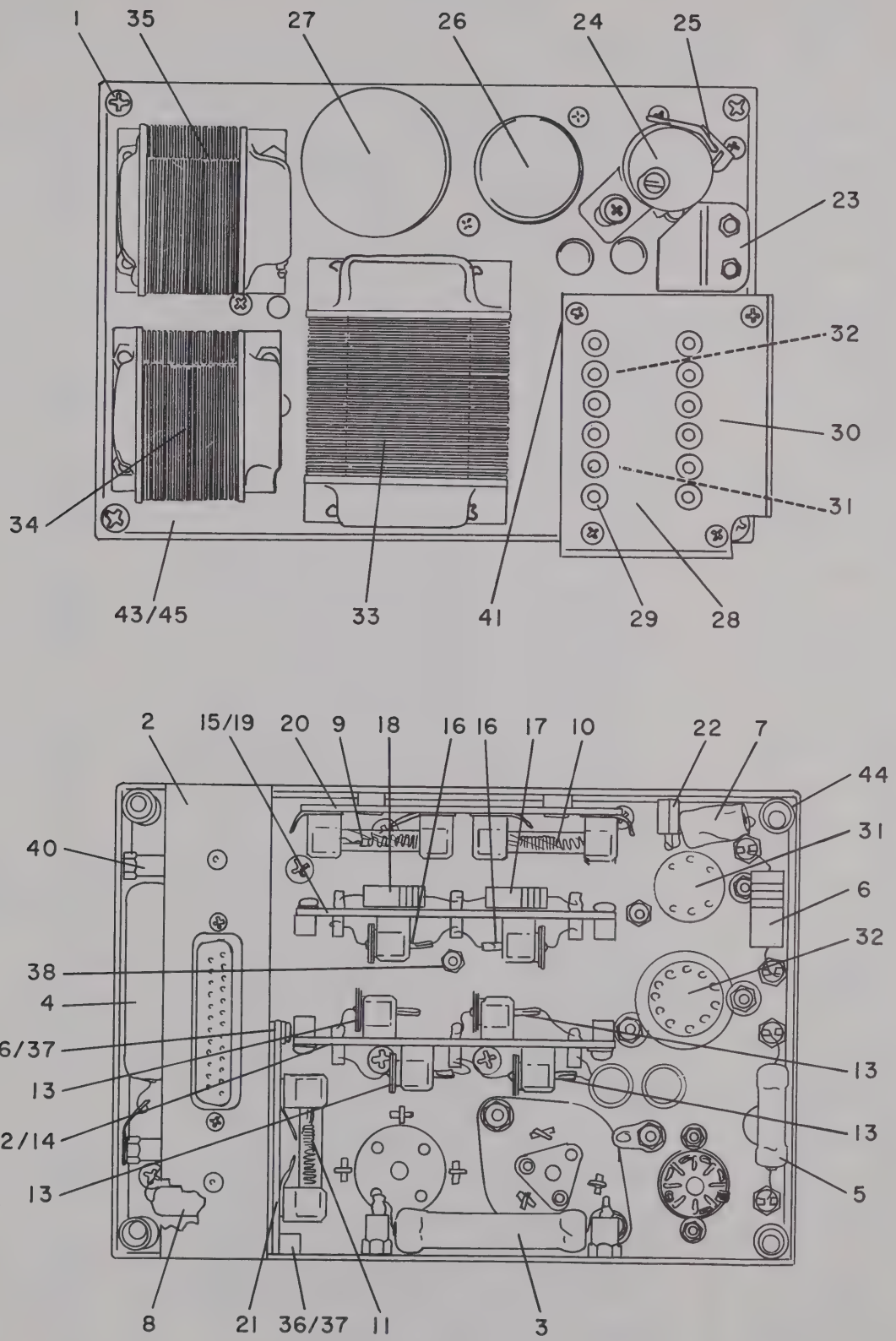
Board, No. 1, Wired, TB501
Figure 16

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
16 -	544-7636-004	BOARD, NO. 1, WIRED TB501 -SEE FIGURE 15-7 FOR NHA-		REF
- 1	RC20GF272K	. RESISTOR, 2,700 OHMS V81349 745-1370-00 R520		1
- 2	RC20GF332K	. RESISTOR, 3,300 OHMS V81349 745-1373-00 R519		1
- 3	RC20GF472K	. RESISTOR, 4,700 OHMS V81349 745-1380-00 R518		1
- 4	RC20GF682K	. RESISTOR, 6,800 OHMS V81349 745-1387-00 R517		1
- 5	RC20GF822K	. RESISTOR, 8,200 OHMS V81349 745-1391-00 R516		1
- 6	RC20GF123K	. RESISTOR, 12,000 OHMS V81349 745-1398-00 R514		1
- 7	RC20GF183K	. RESISTOR, 1,800 OHMS V81349 745-1405-00 R513		1
- 8	1N463	. DIODE V82577 353-0203-00 CR503 THRU CR510		8
- 9	RC20GF103K	. RESISTOR, 10,000 OHMS V81349 745-1394-00 R515, R521 THRU R528		9
- 10	RC20GF224K	. RESISTOR, 220,000 OHMS V81349 745-1450-00 R536 THRU R541		6
- 11	CD8WA-471M	. CAPACITOR, 470 UUF V96296 913-2749-00 C506 THRU C511		6
- 12	RC20GF104K	. RESISTOR, 100,000 OHMS V81349 745-1436-00 R529 THRU R535		7
- 13	RC20GF152K	. RESISTOR, 1,500 OHMS V81349 745-1359-00 R543		1
- 14	544-7635-004	. BOARD, NO. 1, STAKED		1



Board, No. 2, Wired, TB502
Figure 17

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
17 -	544-7640-004	BOARD, NO. 2, WIRED TB502 -SEE FIGURE 15-8 FOR NHA- FOR OPTIONAL COMPONENT LOCATION SEE FIGURE 20-		REF
- 1	RC20GF103K	• RESISTOR, 10,000 OHMS V81349 745-1394-00 R551 THRU R557		7
- 2	RC20GF104K	• RESISTOR, 10,000 OHMS V81349 745-1436-00 R558		1
- 3	1N463	• DIODE V82577 353-0203-00 CR511		1
- 4	RC20GF153K	• RESISTOR, 15,000 OHMS V81349 745-1401-00 R544		1
- 5	RC20GF123K	• RESISTOR, 12,000 OHMS V81349 745-1398-00 R545		1
- 6	RC20GF822K	• RESISTOR, 8,200 OHMS V81349 745-1391-00 R546		1
- 7	RC20GF682K	• RESISTOR, 6,800 OHMS V81349 745-1387-00 R547		1
- 8	RC20GF472K	• RESISTOR, 4,700 OHMS V81349 745-1380-00 R548		1
- 9	RC20GF222K	• RESISTOR, 2,200 OHMS V81349 745-1366-00 R542		1
- 10	RC20GF272K	• RESISTOR, 2,700 OHMS V81349 745-1370-00 R549		1
- 11	RC20GF182K	• RESISTOR, 1,800 OHMS V81349 745-1363-00 R550		1
- 12	544-7638-004	• BOARD, NO. 2, STAKED		1

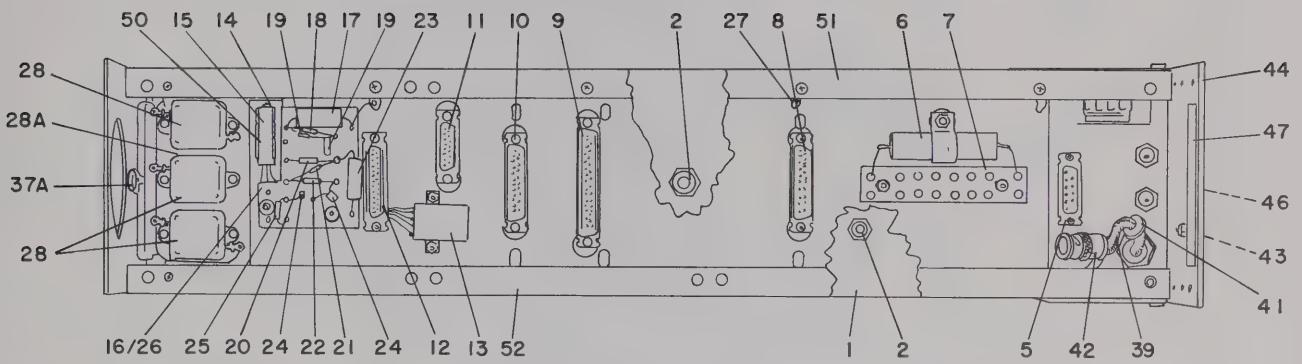


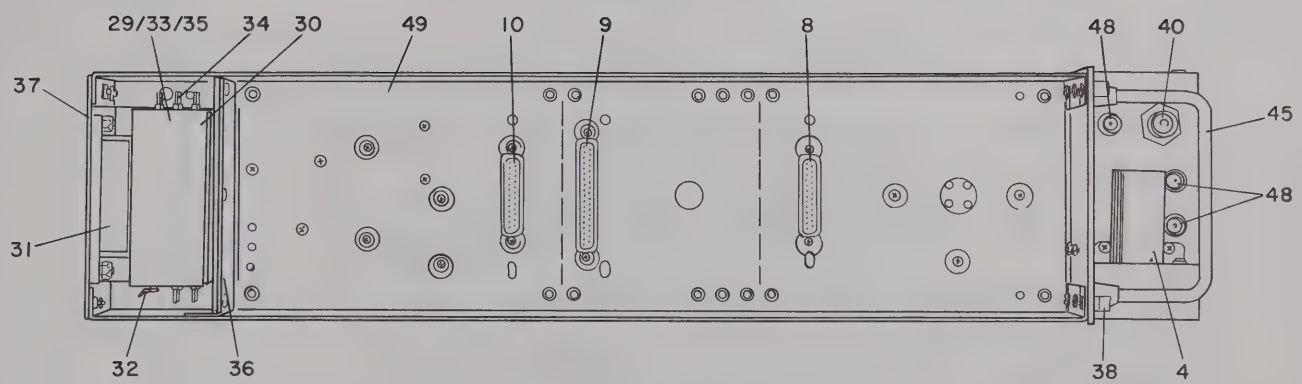
Power Supply Assembly
Figure 18

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
18 -	544-4400-00	POWER SUPPLY ASSEMBLY -SEE FIGURE 1-9 FOR NHA-		REF
- 1	544-8932-002	. SCREW, MODIFIED		4
		ATTACHING PARTS		
	310-0072-00	. WASHER, LOCK V79807 310-0072-00		4
	340-0642-00	. SLEEVE, SPRING		4
		- - * - -		
- 2	544-7489-002	. BASE, ROLLED		1
		ATTACHING PARTS		
	MS35200-11	. SCREW, MACHINE V96906 342-0043-00		4
		- - * - -		
- 3	747-9490-00	. RESISTOR, 4,450 OHMS R702		1
- 4	747-9449-00	. RESISTOR, 25,000 OHMS R707		1
- 5	747-9735-00	. RESISTOR, 500 OHMS R701		1
- 6	RC42GF471K	. RESISTOR, 470 OHMS V81349 745-5638-00 R703		1
- 7	PP8B30A2	. CAPACITOR, 8 UF V21520 184-7003-00 C703		1
- 8	747-9410-00	. RESISTOR, 10,000 OHMS R706		1
- 9	MDL-2	. FUSE V71400 264-0297-00 F701		1
- 10	MDL-1/4	. FUSE V71400 264-0291-00 F702		1
- 11	MDL-1/8	. FUSE V71400 264-0290-00 F703		1
- 12	544-7474-002	. BOARD, NO. 3, SOLDERED		1
		ATTACHING PARTS		
	MS35216-12	. SCREW, MACHINE V96906 343-0133-00		2
	310-0279-00	. WASHER, FLAT V79807 310-0279-00		2
		- - * - -		
- 13	1N1096	. . DIODE V07688 353-1548-00		4
		CR701 THRU CR704		
- 14	544-7473-002	. . BOARD, NO. 3, ROLLED		1
- 15	544-7479-002	. BOARD, NO. 4, SOLDERED		1
		ATTACHING PARTS		
	MS35216-12	. SCREW, MACHINE V96906 343-0133-00		2
	310-0279-00	. WASHER, LOCK V79807 310-0279-00		2
		- - * - -		
- 16	1N1096	. . DIODE V07688 353-1548-00 CR705, CR706		2
- 17	RC32GF221K	. . RESISTOR, 220 OHMS V81349 745-3324-00		1
		R704		
- 18	RC32GF271K	. . RESISTOR, 270 OHMS V81349 745-3328-00		1
		R705		
- 19	544-7478-002	. . BOARD, NO. 4, ROLLED		1
- 20	544-7469-002	. BOARD, NO. 1, ROLLED		1
		ATTACHING PARTS		
	MS35198-11	. SCREW, MACHINE V96906 342-0151-00		2
		- - * - -		
- 21	544-7471-002	. BOARD, NO. 2, ROLLED		1
		ATTACHING PARTS		
	MS35200-3	. SCREW, MACHINE V96906 342-0133-00		1
	MS35216-12	. SCREW, MACHINE V96906 343-0133-00		1
	502-1515-002	. WASHER, FLAT		1
		- - * - -		
- 22	504-7415-002	. POST, GROUND		1
		ATTACHING PARTS		
	MS35200-11	. SCREW, MACHINE V96906 342-0043-00		1
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		1
		- - * - -		
- 23	3S2791G201N9	. RELAY V24446 974-0560-00 K704		1
		ATTACHING PARTS		
	68-1660-40	. NUT, SELF LOCKING, HEX V72962 333-0605-00		2
		- - * - -		
- 24	RM-80-NO-115	. RELAY, THERMAL V93929 402-0306-00 K702		1
- 25	139-0887-00	. CLAMP, RETAINER		1
		ATTACHING PARTS		
	MS35214-12	. SCREW, MACHINE V96906 343-0285-00		1
	2104-04-01 -2520	. TERMINAL, LUG, SOLDER V78189 304-0317-00		1
	310-0045-00	. WASHER, FLAT V79807 310-0045-00		1
	310-0279-00	. WASHER, LOCK V79807 310-0279-00		1
	AN340B4	. NUT, PLAIN, HEX V88044 313-0043-00		1
		- - * - -		

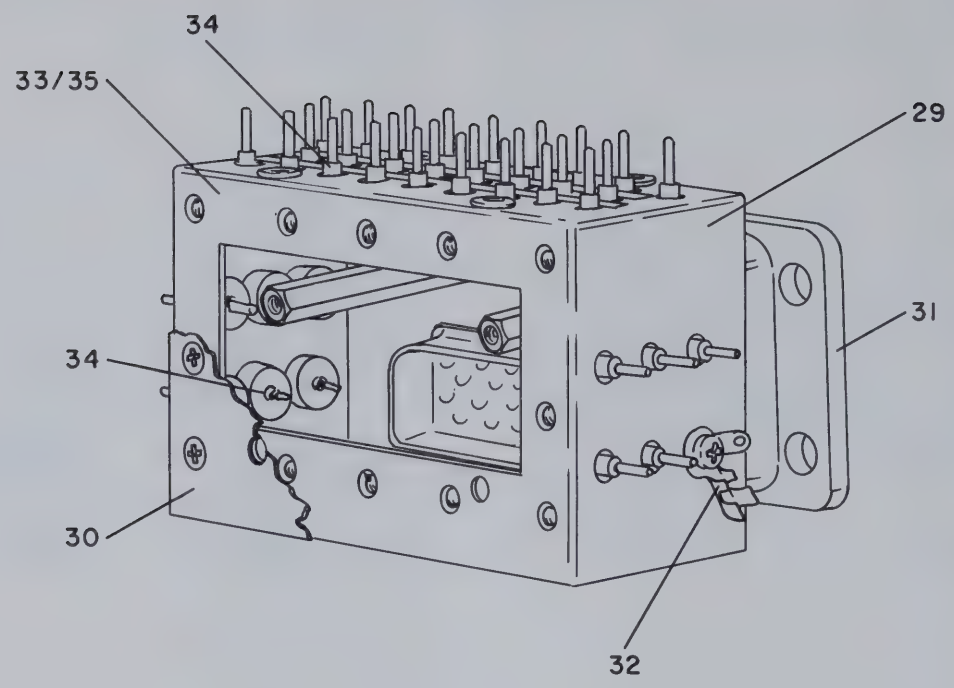
FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
18- 26	D34477	. CAPACITOR, 60 UF V56289 183-0231-00 C701		1
- 27	183-0337-00	. CAPACITOR, DUAL, 60 UF C702A, C702B		1
- 28	544-7485-002	. BRACKET, PRESSED		1
		ATTACHING PARTS		
	MS35216-12	. SCREW, MACHINE V96906 343-0133-00		4
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		4
		- - * - -		
- 29	SKT-2-BC	. . JACK, TIP V05009 360-0087-00		12
		J701 THRU J712		
- 30	544-7484-002	. . BRACKET, PRESSED		1
- 31	142-3750	. RELAY V04221 972-1483-00 K701		1
		ATTACHING PARTS		
	AN340B4	. NUT, PLAIN, HEX V88044 313-0043-00		3
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		3
	310-0045-00	. WASHER, FLAT V79807 310-0045-00		3
		- - * - -		
- 32	142-3751	. RELAY V04221 972-1484-00 K703		1
		ATTACHING PARTS		
	AN340B4	. NUT, PLAIN, HEX V88044 313-0043-00		3
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		3
	310-0045-00	. WASHER, FLAT V79807 310-0045-00		3
		- - * - -		
- 33	BC-2441	. TRANSFORMER, POWER V97315 662-0346-00 T701		1
		ATTACHING PARTS		
	MS35216-24	. SCREW, MACHINE V96906 343-0168-00		2
	MS35200-24	. SCREW, MACHINE V96906 342-0061-00		2
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		4
	AN340C6	. NUT, PLAIN, HEX V88044 313-0045-00		4
		- - * - -		
- 34	BC-2440	. FILTER, REACTOR V97315 668-0348-00 L701		1
		ATTACHING PARTS		
	MS35214-24	. SCREW, MACHINE V96906 343-0168-00		2
	MS35200-24	. SCREW, MACHINE V96906 342-0061-00		2
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		4
	AN340C6	. NUT, PLAIN, HEX V88044 313-0045-00		4
		- - * - -		
- 35	BC-2439	. FILTER, REACTOR V97315 668-0349-00 L702		1
		ATTACHING PARTS		
	MS35216-24	. SCREW, MACHINE V96906 343-0168-00		2
	MS35200-24	. SCREW, MACHINE V96906 342-0061-00		2
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		4
	AN340C6	. NUT, PLAIN, HEX V88044 313-0045-00		4
		- - * - -		
- 36	544-7482-002	. BLOCK MOUNTING, NO. 1		1
		ATTACHING PARTS		
	MS35200-11	. SCREW, MACHINE V96906 342-0043-00		1
		- - * - -		
- 37	544-7483-002	. BLOCK MOUNTING, NO. 2		1
		ATTACHING PARTS		
	MS35200-11	. SCREW, MACHINE V96906 342-0043-00		1
		- - * - -		
- 38	541-5974-002	. SLEEVE, SPACING		1
		ATTACHING PARTS		
	342-0140-00	. SCREW, MACHINE		1
	68-1660-40	. NUT, SELF LOCKING, HEX V72962 333-0605-00		1
		- - * - -		
- 39	TS102P03	. SOCKET, TUBE V81349 220-1235-00 XK702		1
		ATTACHING PARTS		
	MS35216-12	. SCREW, MACHINE V96906 343-0133-00		2
	310-0279-00	. WASHER, LOCK V79807 310-0279-00		2
	313-0132-00	. NUT, PLAIN, HEX V77250 313-0132-00		2
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
18- 40	1A1A12	• POST, INSULATED V92825 306-0091-00		8
		ATTACHING PARTS		
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		7
	MS35216-11	• SCREW, MACHINE V96906 343-0132-00		1
	2104-04-01 -2520	• TERMINAL, LUG V78189 304-0317-00		1
	310-0076-00	• WASHER, LOCK V79807 310-0076-00		1
		- - * - -		
- 41	540-9194-003	• POST, SUPPORTING		4
		ATTACHING PARTS		
	312-0007-00	• STUD, THREADED		2
	MS35198-12	• SCREW, MACHINE V96906 342-0152-00		1
	MS35200-11	• SCREW, MACHINE V96906 342-0043-00		1
		- - * - -		
- 42	540-9041-003	• POST, HEX		4
		ATTACHING PARTS		
	MS35200-3	• SCREW, MACHINE V96906 342-0133-00		4
		- - * - -		
- 43	544-7494-004	• CHASSIS, ROLLED		1
- 44	544-8927-002	• • HOLDER, SCREW		4
- 45	544-7493-004	• • CHASSIS, WELDED		1





Transponder Subassembly, Chassis
Figure 19 (Sheet 1 of 2)



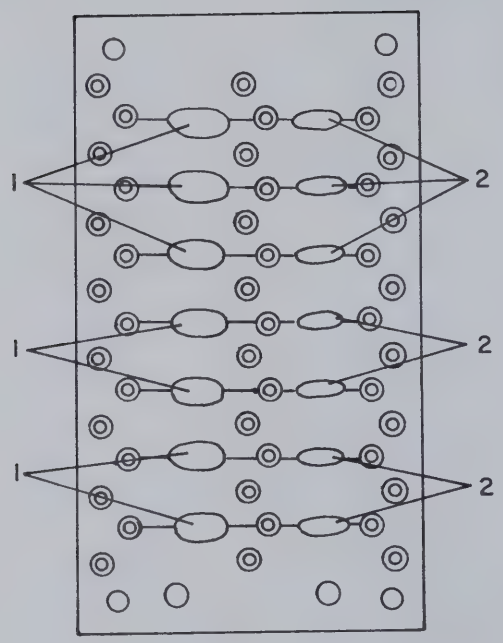
Transponder Subassembly, Chassis
Figure 19 (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
19 -	547-0834-00	TRANSPONDER SUBASSEMBLY, CHASSIS -SEE FIGURE 1-10 FOR NHA-		REF
- 1	544-7595-002	• CHASSIS, TOP, PRESSED		1
		ATTACHING PARTS		
	544-7581-002	• SCREW, MACHINE		6
	MS35200-23	• SCREW, MACHINE V96906 342-0060-00		6
		- - * - -		
- 2	542-8153-002	• CONNECTOR ASSEMBLY J112		1
		ATTACHING PARTS		
	542-8151-002	• NUT		1
		- - * - -		
- 3	544-7591-002	• CONNECTOR ASSEMBLY J113		1
		ATTACHING PARTS		
	542-8151-002	• NUT		1
		- - * - -		
- 4	BC910B-1	• BLOWER V92702 009-1359-00 B101		1
		ATTACHING PARTS		
	MS35216-12	• SCREW, MACHINE V96906 343-0133-00		2
	MS35216-13	• SCREW, MACHINE V96906 343-0134-00		2
	310-0045-00	• WASHER, LOCK V79807 310-0045-00		4
	310-0279-00	• WASHER, LOCK V79807 310-0279-00		4
	AN340C4	• NUT, PLAIN, HEX V88044 313-0043-00		2
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
19- 5	DAF-15S -1A101	. CONNECTOR V71468 371-0041-00 J103		1
		ATTACHING PARTS		
	342-0139-00	. SCREW, MACHINE		2
	68-1660-26	. NUT, SELF LOCKING, HEX V72962 333-0604-00		2
	544-7579-002	. SPACER, CONNECTOR		2
		- - * - -		
- 6	931-5992-00	. CAPACITOR, 0.22 UF C101		1
		ATTACHING PARTS		
	AN500C6R-5	. SCREW, MACHINE V88044 347-0034-00		1
	310-0282-00	. WASHER, LOCK V79807 310-0282-00		1
	AN340C-6	. NUT, PLAIN, HEX V88044 313-0002-00		1
		- - * - -		
- 7	544-7576-002	. BOARD, TERMINAL, PRESSED		1
		ATTACHING PARTS		
	MS35216-13	. SCREW, MACHINE V96906 343-0134-00		2
	310-0045-00	. WASHER, FLAT V79807 310-0045-00		2
	AN340C4	. NUT, PLAIN, HEX V88044 313-0043-00		2
		- - * - -		
- 8	DBF-25S- 1A101	. CONNECTOR V71468 371-0042-00 J106		1
		ATTACHING PARTS		
	MS35216-4	. SCREW, MACHINE V96906 343-0125-00		2
	68-1660-26	. NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 9	DCF-37S- 1A101	. CONNECTOR V71468 371-0043-00 J105		1
		ATTACHING PARTS		
	MS35216-4	. SCREW, MACHINE V96906 343-0125-00		2
	68-1660-26	. NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 10	DBF-25S- 1A101	. CONNECTOR V71468 371-0042-00 J104		1
		ATTACHING PARTS		
	MS35216-4	. SCREW, MACHINE V96906 343-0125-00		2
	68-1660-26	. NUT, SELF LOCKING, HEX V72962 333-0604-00		2
		- - * - -		
- 11	DAF-15S- 1A101	. CONNECTOR V71468 371-0041-00 J102		1
		ATTACHING PARTS		
	MS35216-8	. SCREW, MACHINE V96906 343-0005-00		2
	68-1660-26	. NUT, SELF LOCKING, HEX V72962 333-0604-00		2
	544-7577-002	. SPACER, PLUG		2
		- - * - -		
- 12	DBF-25S -1A101	. CONNECTOR V71468 371-0042-00 J101		1
		ATTACHING PARTS		
	MS35216-8	. SCREW, MACHINE V96906 343-0005-00		2
	68-1660-26	. NUT, SELF LOCKING, HEX V72962 333-0604-00		2
	544-7577-002	. SPACER, PLUG		2
		- - * - -		
- 13	3S2791G211F -13	. RELAY V24446 974-0564-00 K101		1
		ATTACHING PARTS		
	MS35216-12	. SCREW, MACHINE V96906 343-0133-00		2
	310-0279-00	. WASHER, LOCK V79807 310-0279-00		2
	AN340C4	. NUT, PLAIN, HEX V88044 313-0043-00		2
		- - * - -		
- 14	6872	. TUBE, ELECTRON V49956 255-0343-00		1
- 15	109-501-4	. SHIELD, ELECTRON TUBE V99378 141-0348-00		1
- 16	544-9364-004	. TERMINAL BOARD ASSEMBLY TB102		1
		ATTACHING PARTS		
	MS35198-17	. SCREW, MACHINE V88044 342-0157-00		3
	541-5979-002	. SPACER		2
	544-9349-002	. SPACER		1
	310-0076-00	. WASHER, LOCK V79807 310-0076-00		3
	313-0156-00	. NUT, PLAIN, HEX V77250 313-0156-00		3
		- - * - -		

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
19- 17	931-4188-00	. . CAPACITOR, 0.1 UF C102		1
- 18	1N629	. . DIODE V82577 353-2584-00 CR101		1
- 19	RC20GF105K	. . RESISTOR, 1 MEG V81349 745-1478-00 R101, R103		2
- 20	RC20GF104K	. . RESISTOR, 100,000 OHMS V81349 745-1436-00 R104		1
- 21	1N457	. . DIODE V82577 353-0204-00 CR102		1
- 22	RC20GF432K	. . RESISTOR, 3,300 OHMS V81349 745-1378-00 R102		1
- 23	CL24BJ180UP3	. . CAPACITOR, 18 UF V81349 184-7036-00 C103		1
- 24	653C9	. . DIODE V96214 353-2543-00 CR103, CR104		2
- 25	RC20GF124K	. . RESISTOR, 120,000 OHMS V81349 745-1440-00 R105		1
- 26	544-9362-004	. . TERMINAL BOARD		1
- 27	2104-04-01 -2520	. TERMINAL, LUG V78189 304-0317-00		6
		ATTACHING PARTS		
	MS35198-13	. SCREW, MACHINE V96906 342-0153-00		6
	310-0279-00	. WASHER, LOCK V79807 310-0279-00		6
	AN340B4	. NUT, PLAIN, HEX V88044 313-0051-00		6
		- - * - -		
- 28	3JX37A	. FILTER, RADIO INTERFERENCE V56289 341-0248-00 FL102, FL103, FL104		3
		ATTACHING PARTS		
	MS35214-12	. SCREW, MACHINE V96906 343-0285-00		6
	310-0279-00	. WASHER, LOCK V79807 310-0279-00		6
	AN340B4	. NUT, PLAIN, HEX V88044 310-0051-00		6
		- - * - -		
- 28A	544-7570-002	. PLATE, FILTER		1
		ATTACHING PARTS		
	MS35198-19	. SCREW, MACHINE V96906 342-0159-00		4
	541-6012-002	. SLEEVE, SPACING		4
- 29	544-7603-003	. FILTER BOX, WIRED FL101		1
		ATTACHING PARTS		
	MS35200-27	. SCREW, MACHINE V96906 342-0064-00		4
	68NM-62	. NUT, SELF LOCKING, HEX V72962 333-0368-00		4
	544-7578-002	. POST, CONNECTOR		4
	1024	. TERMINAL, LUG V77147 304-0140-00		1
	544-7569-002	. . COVER, BOX, FILTER		1
		ATTACHING PARTS		
	MS35200-10	. . SCREW, MACHINE V96906 342-0043-00		14
	MS35216-12	. . SCREW, MACHINE V96906 343-0133-00		2
		- - * - -		
- 31	DPD-45-34P -1C	. CONNECTOR V71468 370-2047-00 P111		1
	MS35216-17	. SCREW, MACHINE V96906 343-0138-00		4
	544-7596-002	. . POST, FILTER		2
	540-9053-003	. . STAND OFF		2
		- - * - -		
- 32	1024	. . TERMINAL, LUG V77147 304-0140-00		1
		ATTACHING PARTS		
	MS35216-12	. . SCREW, MACHINE V96906 343-0133-00		1
	310-0076-00	. . WASHER, LOCK V79807 310-0076-00		1
	304-0332-00	. . TERMINAL, LUG		2
	AN340B4	. NUT, PLAIN, HEX V88044 313-0051-00		1
		- - * - -		
- 33	544-7601-003	. . FILTER, BOX, RIVETED		1
- 34	A-25062	. . . FILTER, FERRITE V66099 241-0276-00		37
- 35	544-7600-003	. . . BOX, SOLDERED		1

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
19- 36	544-7592-002	• GASKET		1
		ATTACHING PARTS		
	MS35216-24	• SCREW, MACHINE V96906 343-0167-00		3
	310-0282-00	• WASHER, LOCK V79807 310-0282-00		3
	544-7593-002	• BAR, GASKET		1
		- - * - -		
- 37	544-7573-002	• PLATE, REAR, RIVETED		1
		ATTACHING PARTS		
	MS35200-23	• SCREW, MACHINE V96906 342-0060-00		4
	MS35216-12	• SCREW, MACHINE V96906 343-0133-00		3
		- - * - -		
- 37A	98-2-MSP	• • FASTENER V78189 012-1026-00		1
		ATTACHING PARTS		
	AN426AD3-4	• • RIVET V81349 305-1362-00		3
		- - * - -		
- 38	503-4970-001	• BRACKET		2
		ATTACHING PARTS		
	MS35216-25	• SCREW, MACHINE V96906 343-0169-00		4
	310-0282-00	• WASHER, LOCK V79807 310-0282-00		4
		- - * - -		
- 39	544-7580-002	• CABLE, RF		1
		ATTACHING PARTS		
	544-7584-002	• SPACER		1
		- - * - -		
- 40	UG-704/U	• • CONNECTOR V80058 357-9324-00 J110		1
- 41	AN931-10-14	• • GROMMET V81349 201-0002-00		1
- 42	UG-88D/U	• • CONNECTOR V80058 357-9292-00 P205		1
- 43	544-7583-002	• COVER, ACCESSORY		1
		ATTACHING PARTS		
	544-7582-002	• SCREW, MACHINE		1
	68NM-40	• NUT, SELF LOCKING, HEX V72962 333-0347-00		1
		- - * - -		
- 44	544-7572-002	• PANEL ASSEMBLY, FRONT		1
		ATTACHING PARTS		
	MS35200-27	• SCREW, MACHINE V96906 342-0064-00		4
	MS35216-24	• SCREW, MACHINE V96906 343-0168-00		4
	310-0282-00	• WASHER, LOCK V79807 310-0282-00		8
	AN340C-6	• NUT, PLAIN, HEX V88044 313-0002-00		4
		- - * - -		
- 45	544-7571-002	• • HANDLE		1
		ATTACHING PARTS		
	MS35200-40	• • SCREW, MACHINE V96906 342-0078-00		2
	541-7455-002	• • STOP, HANDLE		2
		- - * - -		
- 46	280-2972-00	• • INSIGNIA, COLLINS		1
		ATTACHING PARTS		
	C13388SS-010	• • PUSH-ON-NUT V78553 334-1331-00		2
		- - * - -		
- 47	544-7568-002	• • STIFFENER, PANEL, PRESSED		1
		ATTACHING PARTS		
	544-7581-002	• • SCREW, MACHINE		2
		- - * - -		
- 48	UG-1094/U	• • CONNECTOR, RF V80058 357-9183-00		3
		J107, J108, J109		
- 49	544-7606-003	• CHASSIS, BOTTOM, PRESSED		1
		ATTACHING PARTS		
	MS35216-25	• SCREW, MACHINE V96906 343-0169-00		2
	310-0282-00	• WASHER, LOCK V79807 310-0282-00		2
	AN340C-6	• NUT, PLAIN, HEX V96906 313-0002-00		2
		- - * - -		
- 50	100-200-16	• • HOLDER, TUBE V99378 141-0338-00		1
		ATTACHING PARTS		
	R4008X3-16 CHROMATEDP	• • RIVET, TUBULAR V12014 305-0171-00		3
		- - * - -		
- 51	544-7612-004	• CHANNEL, RIGHT, RIVETED		1
- 52	544-7610-004	• CHANNEL, LEFT, RIVETED		1



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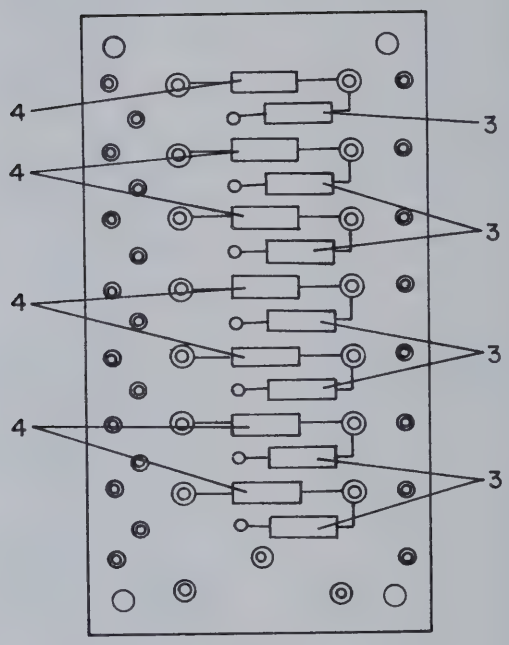

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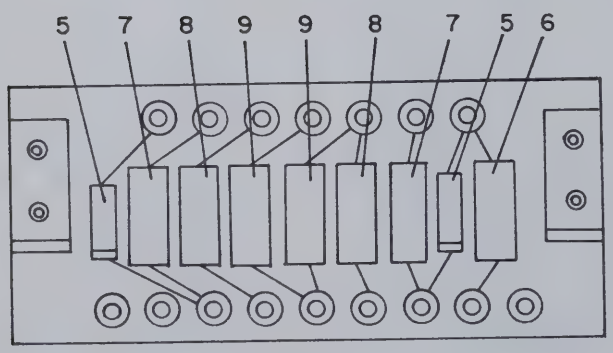

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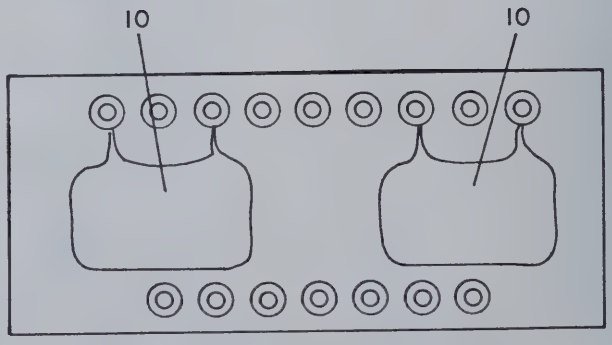
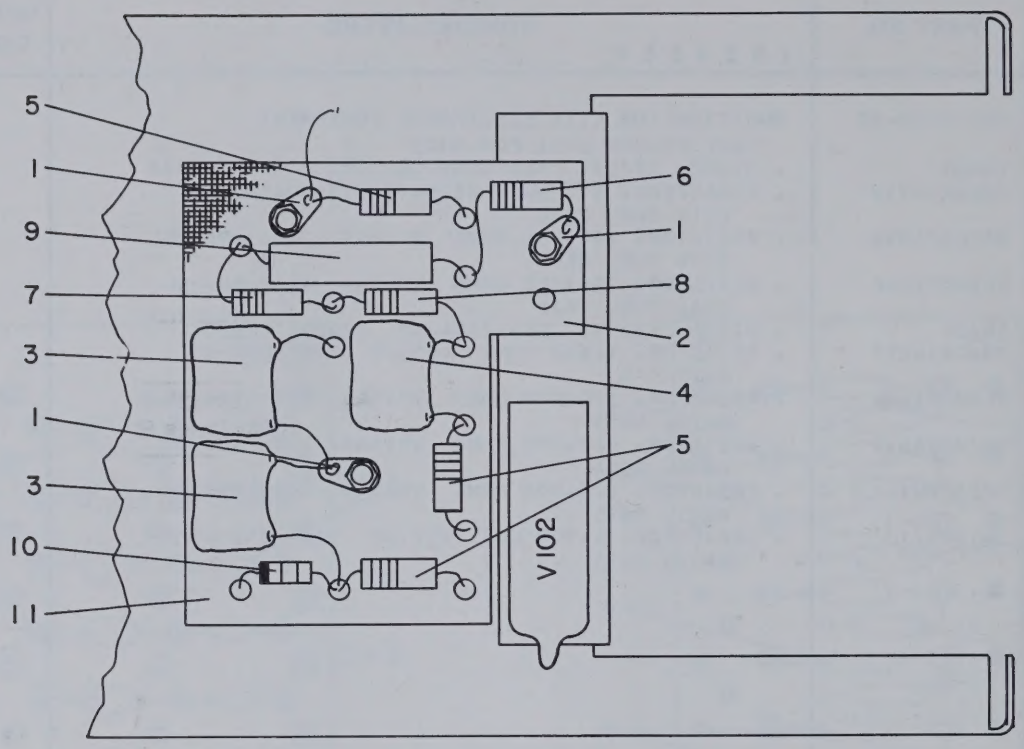


BACK

Modification Kit, Electronic Equipment
Figure 20

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
20 -	547-2093-00	MODIFICATION KIT, ELECTRONIC EQUIPMENT -SEE FIGURE 1-11 FOR NHA-		REF
- 1	1N463	. DIODE V82577 353-0203-00 CR512 THRU CR518		7
- 2	CD8WA-471M	. CAPACITOR, 470 UUF V81349 913-2749-00 C512 THRU C518		7
- 3	RC20GF104K	. RESISTOR, 100,000 OHMS V81349 745-1436-00 R559 THRU R565		7
- 4	RC20GF224K	. RESISTOR, 220,000 OHMS V81349 745-1450-00 R566 THRU R572		7
- 5	1N629	. DIODE V82577 353-2584-00 CR603, CR604		2
- 6	RN60B1621F	. RESISTOR, 1,600 OHMS V81349 705-6606-00 R632		1
- 7	RC20GF104K	. RESISTOR, 100,000 OHMS V81349 745-1436-00 R629, R633		2
- 8	RC20GF564K	. RESISTOR, 560,000 OHMS V81349 745-1468-00 R630, R634		2
- 9	RC20GF224K	. RESISTOR, 220,000 OHMS V81349 745-1450-00 R631, R635		2
- 10	DM19F472J	. CAPACITOR, 4,700 UUF V72136 912-3052-00 C632, C633		2



Modification Kit, Electrical Equipment, Audio Monitor
Figure 21

FIG. & INDEX NO.	PART NO.	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY.
21 -	547-0838-00	MODIFICATION KIT, ELECTRONIC EQUIPMENT, AUDIO MONITOR -SEE FIGURE 1-12 FOR NHA-		REF
- 1	304-0045-00	. TERMINAL, LUG		3
- 2	546-3537-004	. BOARD, TERMINAL, SOLDERED TB103		1
- 3	VDM19F102J	. . CAPACITOR, 1,000 UUF V72136 912-3001-00 C110, C111		2
- 4	DM19F472J	. . CAPACITOR, 4,700 UUF V72136 912-3052-00 C112		1
- 5	RC20GF104K	. . RESISTOR, 100,000 OHMS V81349 745-1436-00 R110 THRU R112		3
- 6	RC20GF152K	. . RESISTOR, 1,500 OHMS V81349 745-1359-00 R114		1
- 7	RC20GF103J	. . RESISTOR, 10,000 OHMS V81349 745-1394-00 R115		1
- 8	RC20GF184K	. . RESISTOR, 180,000 OHMS V81349 745-1447-00 R113		1
- 9	150D106X0020 B2	. . CAPACITOR, 10 UF V56289 184-7375-00 C113		1
- 10	1N628	. . DIODE V82577 353-2776-00 CR110		1
- 11	546-3536-004	. . BOARD, TERMINAL, ROLLED		1

ELECTRICAL WIRE CODE

EXAMPLES

UNSHIELDED WIRE, MIL TYPE B #22 AWG, WHITE WITH RED AND GREEN TRACERS:

D	A	9	25	—	4-1/4
Type of Wire	Size of Wire	Color of Body	Color of Tracers		Length of Wire in Inches (Includes Stripping & Tinning)

SHIELDED WIRE (SINGLE), MIL TYPE C, #15 AWG, WHITE WITH RED AND GREEN TRACERS:

R	D	S	9	25	—	4-1/4
Type of Wire	Size of Wire	Shielded	Color of Body	Color of Tracers		Length of Wire in Inches (Includes Stripping & Tinning)

SHIELDED WIRE (MULTIPLE), MIL TYPE B, #22 AWG, WHITE, AND WHITE WITH RED TRACER:

D	A	S	(9)	(92)	—	4-1/4
Type of Wire	Size of Wire	Shielded	First Conductor	Second Conductor		Length of Wire in Inches (Includes Stripping & Tinning)

TYPE OF WIRE CODE		
LETTER	TYPE OF WIRE	FAMILY USUALLY FOUND IN
A	Cotton Braid Over Plastic (Formerly AN-J-C-48)	440 Plain 443 Shielded
B	Busbar, Round Tinned	421
C	MIL-W-16878 Type B (#20 and Larger) (600 Volts)	439
D	Miniature Wire, MIL-W-16878 Type B (#22 & Smaller)	439-7000 Series
E		
F	Extra Flexible Varnished Cambric	423
G		
H	Kel-F (Monochloro-trifluoroethylene)	422
J		
K	Neon Sign Cable (15,000 Volts)	423 0004 00
L	Silicone	425 0942 00
M		
N	Single Conductor Stranded (Not Rubber Covered)	422
P	Single Conductor Stranded (Rubber Covered)	423
Q		
R	MIL-W-16878 Type C (1000 Volts)	439 1000 Series
T	Teflon, MIL-W-16878 Type E (600 Volts)	439 4000 Series
V	MIL-W-16878 Type D (3000 Volts)	439 3000 Series
W	Teflon, MIL-W-16878 Type EE (1000 Volts)	439 0000 Series
X		
Y		
Z	Acetate Yarn Telephone Type	428

SIZE OF WIRE CODE	
LETTER	SIZE
A	#22 AWG
B	#20
C	#18
D	#16
E	#14
F	#12
G	#10
H	#8
J	#6
K	#4
L	#2
M	#1
N	#0
P	#00
Q	#000
R	#0000
T	#28
V	#26
W	#24
X	#19
Y	#30
Z	

COLOR CODE	
NUMBER OR LETTER	COLOR
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray (Slate)
9	White
a	Clear
b	Tan
c	Pink
d	Maroon
e	Light Green
f	Light Blue

COLLINS RADIO COMPANY